MONTHLY PROGRESS REPORT
SITE OPERATION & MAINTENANCE

100 & 110 OSER AVENUE

HAUPPAUGE, NEW YORK

SITE#: 152162

Prepared For:

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

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1.0 INTRODUCTION

This document represents the monthly progress report for operation and maintenance (O&M) activities at the 100 & 110 Oser Avenue site (New York State Department of Environmental Conservation (NYSDEC) Site No. 152162) in Hauppauge, NY. A site location map is provided as Figure 1.

This report summarizes the August 2020 O&M activities conducted at the site's two interim remedial measures (IRM's):

- IRM#1: Soil vapor extraction (SVE) system located at 100 Oser Avenue
- IRM#2: Sub-slab depressurization systems (SSDS) located at 100 & 110 Oser Avenue

1.1 SYSTEM DESCRIPTION: 100 OSER AVENUE SVE (IRM#1)

The SVE system is located in the parking area along the exterior of the west wall of the building. The automated system is housed inside a polyethylene storage shed that was converted to protect the system components. The treatment system consists of a 5.0 horsepower regenerative vacuum blower that is connected to a piping manifold that conveys extracted air from three (3) extraction wells (SVE-A through SVE-C) located in the asphalt area adjacent to the west side of the property building. The SVE effluent airstream is treated at two (2) 5,500 lbs vapor phase activated carbon adsorbers (VGAC) that are located on the exterior of the SVE system enclosure prior to discharge to the atmosphere. A third vessel is offline. The system is located behind a fenced-in area along the west side of the building for security purposes. The system is interfaced with the telemetry unit that is part of the adjacent IRM#2 system. The system remotely alerts EAR of alarm conditions and provides daily system status reports via email.

The system has an operational design capacity of 180 cfm @ 19″ w.c. vacuum. A P&ID is provided as Figure 2 and an as-built of the system layout is provided as Figure 3.

1.2 SYSTEM DESCRIPTION: 100 OSER AVENUE SSDS (IRM#2)

The SSDS includes a vacuum extraction system housed in a steel sea-container that is located in the northwest corner of the parking area on the exterior of the building. The treatment system consists of three (3) 7.5 horsepower rotary lobe vacuum blowers that are plumbed in a parallel configuration and connected to a piping manifold that conveys extracted air from fourteen (14) extraction wells located on the interior of the property building and in the two asphalt parking areas located between the west side of the building at 100 Oser Avenue and the east side of the building at 110 Oser Avenue. The SSDS effluent airstream is treated at two (2) 3,000 lbs VGAC adsorbers prior to discharge to the atmosphere. A fence is installed around the system compound for security purposes. The system is equipped with a telemetry unit which remotely alerts EAR of alarm conditions and provides daily system status reports via email.

The system has an operational design capacity of 720 cfm (240 cfm per blower) @ 70″ w.c. vacuum. A P&ID is provided as Figure 4 and an as-built of the system layout is provided as Figure 3.

1.3 SYSTEM DESCRIPTION: 110 OSER AVENUE SSDS (IRM#2)

The 110 Oser Avenue SSDS includes a vacuum extraction system housed in a steel sea-container located in the northwest corner of the parking area on the exterior of the 110 Oser building. The

treatment system consists of three (3) 7.5 horsepower rotary lobe vacuum blowers that are plumbed in a parallel configuration and connected to a piping manifold that conveys extracted air from twelve (12) extraction wells (SVE-A1-110 through SVE-D3-110) located on the interior of the property building. The effluent airstream is treated at two (2) 3,000 lbs vapor phase activated carbon adsorbers prior to discharge to the atmosphere. The system is located behind a fenced in area along the west side of the building for security purposes. The system is equipped with a telemetry unit such that system status can be viewed remotely.

The system has an operational design capacity of 720 cfm (240 cfm per blower) @ 70" w.c. vacuum. A P&ID is provided as Figure 4 and an as-built of the system layout is provided as Figure 5.

2.0 O&M ACTIVITIES

2.1 100 OSER AVENUE SVE (IRM#1)

Routine, monthly O&M was conducted on August 6th, 2020. Monthly O&M activities include screening of the VGAC influent, mid, and effluent points for VOC's using a photo-ionization detector, monitoring and recording of system air flow rates, vacuum, and temperature, inspection of all system components, and any required preventative maintenance. Based on review of prior reporting, the system is operating normally.

System uptime for August 2020 is estimated at 100%. Daily reports and any alarm reports, generated by the telemetry unit, are included as Appendix A[1].

2.1.1 O&M ACTIVITIES

- On August 6th, 2020, the system was operating upon arrival to and departure from the site.
- System operating parameters were monitored, recorded, and tabulated in a system data log. No adjustments were made to air flow rates at each of the extraction wells. Monitoring data collected during the site visits detailed in this report is provided as Table 1. System data logs, which provide historical monitoring data collected by EAR to date, are provided as an accompanying file in *.xls format.
- The vacuum blower was inspected for proper operation and any potential maintenance issues.
- The moisture separator tank was inspected and any collected condensation water was drained out. Drained water is processed through a 55-gallon liquid phase activated carbon vessel that is stored within the system enclosure. The processed water is then discharged to the pavement adjacent to the system enclosure.
- The control panel and electrical distribution panel were found to be working as specified.
- General site conditions were inspected and found to be in working condition. General housekeeping tasks were completed.
- Vacuum/influence monitoring at vapor monitoring locations within the 100 Oser Avenue building was not conducted as wells were inaccessible and/or could not be identified.
- Shed heater and piping heat trace are off for the season.

2.2 100 OSER AVENUE SSDS (IRM#2)

Routine, monthly O&M was conducted on August 6th, 2020. Monthly O&M activities include screening of the VGAC influent, mid, and effluent points for VOC's using a photo-ionization detector, monitoring and recording of system air flow rates, vacuum, and temperature, inspection of all system components, and any required preventative maintenance. Based on review of prior reporting, the system is operating normally.

System uptime for August 2020 is estimated at 100%. Daily reports and any alarm reports, generated by the telemetry unit, are included as Appendix A.

[1] Since installation of the upgrade PLC modem, daily PLC report transmission disruption was again experienced starting on 8/28. EAR is currently working w/ EOS Research to resolve the issue.

2.2.1 O&M ACTIVITIES

- On August 6th, 2020, the system was operating upon arrival to and departure from the site.
- System operating parameters were monitored, recorded, and tabulated in a system data log. No adjustments were made to air flow rates at each of the extraction wells. Monitoring data collected during the site visits detailed in this report is provided as Table 2. System data logs, which provide historical monitoring data collected by EAR to date, are provided as an accompanying file in *.xls format.
- The three (3) vacuum blowers were each inspected for proper function and any potential maintenance issues. Blower operation was rotated.
- The moisture separator tank was inspected and any collected condensation water was drained out. Drained water is processed through a 55-gallon liquid phase activated carbon vessel that is stored within the system enclosure. The processed water is then discharged to the pavement adjacent to the system enclosure.
- The control panel and electrical distribution panel were inspected and found to be working as specified.
- General site conditions were inspected and found to be in working condition. General housekeeping tasks were completed.
- Vacuum/influence monitoring at vapor monitoring locations within the 100 Oser Avenue building was not conducted as wells were inaccessible and/or could not be identified.
- Shed heater and piping heat trace are off for the season.
- During the August 6th site check, wasps were again observed swarming around the system container. EAR returned to the site on August 13th with Suburban Exterminators (Smithtown, NY) for a follow-up treatment.

2.3 110 OSER AVENUE SSDS (IRM#2)

The system at 110 Oser Avenue is currently off.

3.0 SYSTEM AIR SAMPLING

Quarterly air samples for laboratory analysis were last collected from the VGAC effluent air streams at both IRM#1 and IRM#2 on July 14th, 2020. Air samples for laboratory analysis were not collected during the time period covered by this report.

During the monthly site visit, VGAC influent and effluent air streams at IRM#1 and IRM#2 were screened in the field for total volatile organic compounds (VOCs) using a photo-ionization detector (PID). Prior to use, the PID was calibrated using a 100 ppm isobutylene standard and ambient air.

Field screening results for Total VOC's are summarized in Tables 1 & 2, as well as in the system data logs which are provided as an accompanying file in *.xls format.

TABLES

100 & 110 Oser Avenue
Hauppauge, NY
Site No. 152162

IRM#1 (SVE) System Data Log

Date		2/22/2017	3/21/2017	4/25/2017	4/28/2017	5/24/2017	6/16/2017	7/12/2017	8/14/2017	9/8/2017	10/4/2017	11/3/2017	12/8/2017	1/3/2018	2/23/2018	3/16/2018	4/12/2018	5/2/2018	6/8/2018	7/5/2018	8/15/2018	9/12/2018	10/8/2018	11/6/2018	12/12/2018	1/9/2019	2/1/2019	3/13/2019	4/10/2019	5/1/2019	6/12/2019	7/3/2019	8/1/2019	9/5/2019	10/1/2019	11/8/2019	12/2/2019	1/2/2020	2/4/2020	3/3/2020	4/7/2020	5/8/2020	6/18/2020	7/14/2020	8/6/2020
SVE System Status on Arrival		off	on	off	off	on	on	on	on	on	on	on	on	on	on	on	off	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on
SVE System Status on Departure		on	on	off	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on
Technician(s)		PL, FG	PL, JB	JB	PL	JB	DG	JPL	MF	PL	JB	JB	JB	MF	JB	PL	DG, JPL	JB	PL	JB	BC/AD	JB	JB	JB/EM	JB	JB, MH	EM	EM	JB	EM	MF	JB	MF	PB	JB	JB	JB	JB	JB	MF	MF	JB	MF	JB
Heater Tape (on/off)		on	on	off	off	off	off	off	off	off	off	off	on	on	on	on	on	on	off	off	off	off	off	on	on	on	on	on	off	off	off	off	off	on	on	on	on	on	off	off	off	off	off
Shed Heater (on/off)		off	on	off	off	off	off	off	off	off	off	off	on	on	on	on	on	on	off	off	off	off	off	on	on	on	on	on	off	off	off	off	off	on	on	on	on	on	off	off	off	off	off
In-Line Filter Status		poor	poor	poor	replaced	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dilution Valve (% open)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
System																																												
	System Flow (CFM)	160.0	140.0	-	140.0	140.0	140.0	140.0	150.0	150.0	140.0	130.0	140.0	70.0	145.0	150.0	180.0	170.0	160.0	190.0	170.0	170.0	160.0	165.0	165.0	160.0	180.0	170.0	168.0	160.0	170.0	156.0	155.0	154.0	155.0	154.0	154.0	154.0	154.0	140.0	155.0	150.0	154.0	155.0	160.0
	Vacuum at Air Filter Inlet ("WC)	-20.0	-22.0	-	-18.0	-22.0	-20.0	-22.0	-24.0	-22.0	-24.0	-21.0	-21.0	-12.0	-25.0	-15.0	-15.0	-14.0	-14.0	-16.0	-15.0	-15.0	-14.0	-16.0	-17.0	-15.0	-18.0	-	-28.0	-29.0	-28.0	-22.0	-21.0	-23.0	-23.0	-24.0	-22.0	-21.0	-22.0	-20.0	-22.0	-21.0	-22.0	-22.0	-22.0
	Indicating Vacuum Switch Vac ("WC)	-24.0	-24.0	-	-22.0	-20.0	-20.0	-20.0	-21.0	-22.0	-22.0	-18.0	-24.0	-12.0	-23.0	-23.0	-28.0	-28.0	-29.0	-28.0	-29.0	-28.0	-28.0	-28.0	-29.0	-29.0	-29.0	-20.0	-30.0	-30.0	-31.0	-28.0	-23.0	-23.0	-24.0	-24.0	-25.0	-24.0	-22.0	-23.0	-19.0	-22.5	-21.5	-22.0	-23.0	-22.0
	Blower Vac ("WC)	-26.0	-22.0	-	-24.0	-18.0	-22.0	-22.0	-21.0	-24.0	-21.0	-18.0	-21.0	-14.0	-15.0	-25.0	-31.0	-30.0	-30.0	-30.0	-31.0	-30.0	-30.0	-30.0	-31.0	-30.0	-30.0	-30.0	-34.0	-32.0	-30.0	-28.0	-26.0	-21.0	-26.0	-26.0	-27.0	-26.0	-26.0	-25.0	-22.0	-4.0	-22.0	-26.0	-4.0	-26.0
	Blower Pressure ("WC)	51.0	60.0	-	56.0	60.0	-	62.0	55.0	57.0	56.0	12.5	13.0	*	*	40.0	38.0	20.0	20.0	20.0	19.0	19.0	19.0	19.0	5.0	5.5	19.0	12.0	20.0	18.0	20.0	19.0	35.0	35.0	35.0	35.0	35.0	35.0	38.0	45.0	40.0	48.0	35.0	35.0	36.0
	Blower Influent Temp (°F)	<50	<50	-	60.0	62.0	55.0	60.0	60.0	70.0	72.0	65.0	50.0	52.0	52.0	52.0	62.0	70.0	70.0	75.0	70.0	70.0	65.0	65.0	48.0	52.0	45.0	60.0	58.0	60.0	56.0	78.0	75.0	70.0	74.0	50.0	54.0	50.0	50.0	65.0	65.0	55.0	70.0	60.0	74.0
	Blower Effluent Temp (°F)	70.0	84.0	-	82.0	109.0	100.0	110.0	110.0	100.0	100.0	106.0	80.0	92.0	80.0	72.0	85.0	100.0	100.0	100.0	94.0	100.0	92.0	88.0	70.0	72.0	48.0	78.0	80.0	81.0	90.0	104.0	102.0	92.0	102.0	65.0	80.0	65.0	70.0	90.0	96.0	84.0	88.0	100.0	94.0
	Manifold Vacuum ("WC)	-17.0	-16.0	-	-18.0	-15.0	-18.0	-18.0	-16.0	-16.0	-17.0	-15.0	-16.0	-11.0	-16.0	-16.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-21.0	-20.0	-20.0	-20.0	-20.0	-17.0	-19.0	-18.0	-17.0	-18.0	-18.0	-18.0	-17.0	-18.0	-16.0	-19.0	-19.0	-18.0	-18.0
Discharge																																												
	Discharge Stack Temp (°F)	42	44	-	62	72	80	78	88	70	66	64	39	28	40	30	60	80	80	86	74	80	68	-	32	44	18	59	61	70	80	78	80	76	72	40	40	31	48	55	70	52	-	80	76
	Discharge Stack Pressure ("WC)	2	2.2	-	1.8	1.9	trace	1	2	1.8	1.8	1.6	1.6	1.6	2.2	2.2	2	2.2	2.2	2.2	2.4	2.2	2.2	-	2	2	2	2	2	2.1	2	1.8	0	2	1.8	2	2	2	1.8	1.6	0	2	2	0	1.8
Manifold Legs / Wells																																												
	A Vacuum ("WC)	-14.0	-14.0	-	-14.0	-14.0	-15.0	-14.0	-14.0	-14.0	-15.0	-13.0	-14.0	-10.0	-14.0	-14.0	-	-17.0	-18.0	-16.0	-17.0	-17.0	-17.0	-17.0	-17.0	-17.0	-18.0	-19.0	-18.0	-19.0	-19.5	-16.0	-18.0	-17.5	-15.0	-16.0	-15.0	-15.0	-14.0	-14.0	-14.0	-17.0	-14.0	-15.5	-17.0
	A Airflow (CFM)	52.0	55.0	-	52.0	40.0	40.0	45.0	50.0	50.0	50.0	40.0	50.0	30.0	50.0	60.0	-	55.0	60.0	50.0	55.0	35.0	55.0	55.0	60.0	55.0	75.0	60.0	55.0	70.0	48.0	50.0	40.0	60.0	50.0	50.0	50.0	50.0	45.0	45.0	55.0	50.0	50.0	48.0	45.0
	B Vacuum ("WC)	-13.0	-14.0	-	-14.0	-12.0	-14.0	-14.0	-14.0	-14.0	-16.0	-12.0	-13.0	-9.0	-14.0	-14.0	-	-16.0	-18.0	-16.0	-16.0	-16.0	-16.0	-16.0	-18.0	-18.0	-16.0	-18.0	-18.0	-16.0	-19.0	-19.0	-14.0	-17.0	-17.0	-16.0	-16.0	-16.0	-14.0	-16.0	-14.0	-14.0	-13.5	-17.0	-14.0	-14.0
	B Airflow (CFM)	50.0	50.0	-	52.0	40.0	30.0	40.0	50.0	50.0	45.0	35.0	45.0	30.0	50.0	60.0	-	50.0	65.0	55.0	52.0	55.0	50.0	50.0	60.0	55.0	73.0	65.0	55.0	68.0	48.0	45.0	45.0	55.0	45.0	50.0	50.0	50.0	45.0	40.0	50.0	48.0	45.0	45.0	45.0
	C Vacuum ("WC)	-15.0	-16.0	-	-16.0	-14.0	-16.0	-18.0	-16.0	-16.0	-15.0	-14.0	-15.0	-10.0	-15.0	-16.0	-	-18.0	-19.0	-18.0	-18.0	-18.0	-18.0	-18.0	-19.0	-18.0	-20.0	-19.0	-19.0	-20.0	-19.5	-16.0	-18.0	-18.0	-16.0	-18.0	-16.0	-18.0	-16.0	-15.0	-15.0	-18.0	-16.0	-16.0	-16.0
	C Airflow (CFM)	50.0	50.0	-	52.0	40.0	40.0	40.0	50.0	50.0	45.0	35.0	45.0	30.0	45.0	55.0	-	50.0	60.0	50.0	50.0	50.0	50.0	50.0	55.0	50.0	73.0	65.0	50.0	60.0	45.0	45.0	40.0	55.0	45.0	50.0	45.0	50.0	45.0	35.0	55.0	48.0	45.0	48.0	45.0
	Total Flow (CFM)	160.0	140.0	-	140.0	120.0	110.0	125.0	150.0	194.0	140.0	110.0	140.0	80.0	145.0	150.0	125.0	170.0	160.0	155.0	170.0	160.0	165.0	155.0	175.0	160.0	221.0	190.0	160.0	198.0	160.0	160.0	155.0	170.0	155.0	150.0	145.0	155.0	135.0	120.0	160.0	150.0	140.0	155.0	135.0
GAC Vessels																																												
	Lead GAC (#)	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Lag GAC (#)	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Offline GAC (#)	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Lead GAC Influent VOC (ppm)	29.5	4.2	-	4.6	34.6	43.0	38.1	24.2	58.8	32.6	23.1	17.5	12.9	9.4	6.4	0.5	6.1	0.4	3.1	2.7	0.2	1.3	19.2	0.7	1.7	0.0	1.8	1.2	5.2	3.3	3.2	1.5	-	0.1	0.4	0.2	0.1	0.1	0.1	0.0	0.0	0.2	1.5	0.1
	Lead GAC Influent Pressure ("WC)	35.5	-	-	8.5	12.5	12.0	12.0	7.0	9.0	10.0	12.5	12.5	13.0	26.5	12.3	7.0	7.0	7.0	6.5	7.0	7.0	7.0	5.8	6.7	22.0	22.0	22.0	7.1	7.0	7.5	21.9	22.0	25.0	23.5	23.0	23.0	23.7	27.4	39.0	2.9	1.9	24.0	23.2	23.0
	Lag GAC Influent VOC (ppm)	3.5	1.1	-	2.3	10.1	0.0	9.7	1.7	0.5	0.0	2.6	18.0	24.4	25.6	16.5	0.5	2.2	0.0	0.0	0.4	0.0	0.0	4.1	0.0	0.2	0.7	1.6	0.0	3.8	5.3	0.0	-4.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0
	Lag GAC Influent Pressure ("WC)	13	-	-	12.0	10.5	10.0	11.0	10.0	9.0	10.0	8.0	10.0	3.0	13.5	15.0	21.5	6.9	22.0	6.5	21.0	5.0	4.0	5.4	6.2	7.0	8.0	8.0	6.1	21.0	21.0	10.7	9.4	24.0	11.0	11.0	10.0	11.1	10.8	19.2	-	-	11.0	10.7	10.0
	Lag GAC Effluent VOC (ppm)	0.3	0.4	-	0.0	4.4	0.0	5.0	0.0	0.2	0.0	0.0	8.1	0.4	0.0	0.0	0.0	3.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.2	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:
12/8/17 - 5-10 gallons pumped from KO tank
1/3/18 - blower pressure gauge not operating
4/5/18 - syste shut down for spent carbon removal
4/12/18 - system restarted following carbon installation
6/30/20 - system shut down following removal of PLC for modem upgrade. System restarted on 7/10/20 following reinstallation of the upgrade PLC.

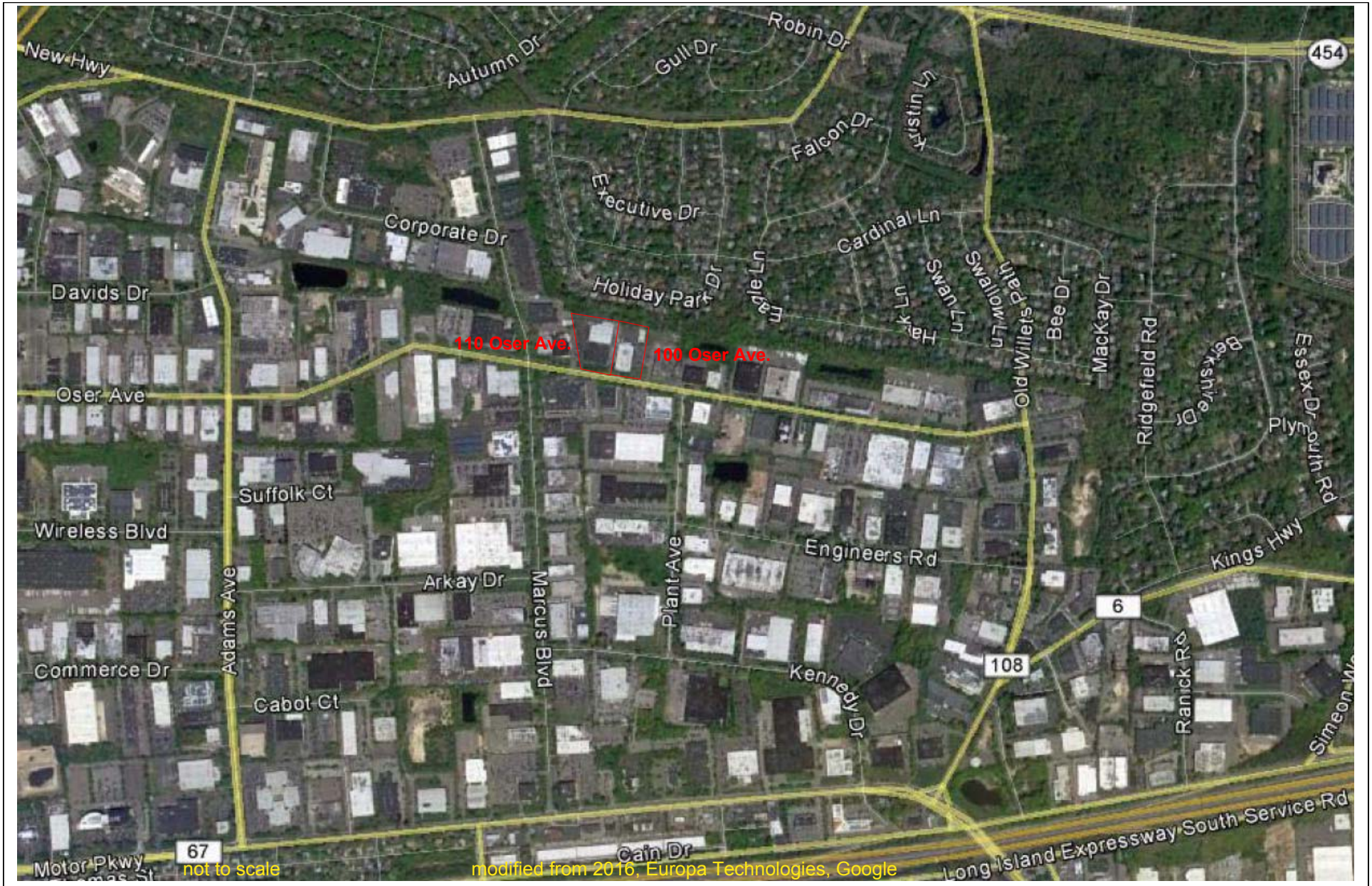
100 & 110 Oser Avenue
Hauppauge, NY
Site No. 152162

IRM#2 (SSD) System Data Log

Date		2/22/2017	3/21/2017	4/25/2017	5/24/2017	6/16/2017	7/12/2017	8/14/2017	9/8/2017	10/4/2017	11/3/2017	12/8/2017	1/3/2018	4/6/2018	5/2/2018	6/8/2018	7/5/2018	8/15/2018	9/12/2018	10/8/2018	11/6/2018	12/12/2018	1/9/2019	2/1/2019	3/13/2019	4/10/2019	5/1/2019	6/12/2019	7/3/2019	8/1/2019	9/5/2019	10/1/2019	11/8/2019	12/2/2019	1/2/2020	2/4/2020	3/3/2020	4/7/2020	5/8/2020	6/18/2020	7/14/2020	8/6/2020
SSD System Status on Arrival		on	on	on	on	on	on	on	on	on	on	on	off	off	on	on	on	on	on	on	off	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	off	on	on	on
SSD System Status on Departure		on	on	on	on	on	on	on	on	on	on	on	off	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	off	on	on	on
Technician(s)		PL, FG	PL, JB	JB	JB	DG	JPL	MF	PL	JB	JB	JB	MF	JB	JB	PL	JB	BC\AD	JB	JB	JB/EM	JB	JB/MH	EM	EM	JB	EM	MF	JB	MF	PB	JB	JB	JB	JB	MF	MF	JB	MF	JB
Heater Tape (on/off)		on	on	off	off	off	off	off	off	off	off	on	on	on	on	off	off	off	off	off	on	on	on	on	on	off	off	off	off	off	off	on	on	on	on	off	off	off	off	off
Shed Heater (on/off)		on	on	off	off	off	off	off	off	off	off	on	on	on	on	off	off	off	off	off	on	on	on	on	on	off	off	off	off	off	off	on	on	on	on	off	off	off	off	off
In-Line Filter Status		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dilution Valve (% open)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
System																																									
	Blower 1 Vac ("Hg)	-	-	-2.5	-	-	-2.0	-	-	-2.4	-	-	-	-2.0	-	-	-	-1.5	-	-	-1.6	-	-	-	-	-2.0	-	-	-2.0	-	-1.5	-	-2.0	-	-2.5	-	-	-	-1.5	-
	Blower 1 Pressure ("WC)	-	-	0.0	-	-	16.0	-	-	14.0	-	-	-	32.0	-	-	-	12.0	-	-	32.0	-	-	-	-	24.0	-	-	31.0	-	32.0	-	32.0	-	32.0	-	-	-	32.0	-
	Blower 1 Influent Temp (°F)	-	-	64.0	-	-	72.0	-	-	72.0	-	-	-	54.0	-	-	-	82.0	-	-	72.0	-	-	-	-	58.0	-	-	80.0	-	74.0	-	55.0	-	62.0	-	-	-	85.0	-
	Blower 1 Effluent Temp (°F)	-	-	90.0	-	-	100.0	-	-	99.0	-	-	-	80.0	-	-	-	84.0	-	-	90.0	-	-	-	-	78.0	-	-	100.0	-	99.0	-	80.0	-	88.0	-	-	-	108.0	-
	Blower 2 Vac ("Hg)	-	-	-	-1.5	-2.0	-	-2.0	-	-	-1.9	-	-	-	-1.8	-1.5	-	-	-1.5	-	-	-1.5	-	-	-	-	-2.0	-1.8	-	-	-	-	-1.5	-	-	-1.5	-1.5	-	-	-
	Blower 2 Pressure ("WC)	-	-	-	16.0	15.0	-	16.0	-	-	14.0	-	-	-	16.0	14.5	-	-	15.0	-	-	16.0	-	-	-	-	15.0	15.0	-	-	-	-	16.0	-	-	16.0	15.0	-	-	-
	Blower 2 Influent Temp (°F)	-	-	-	72.0	72.0	-	82.0	-	-	72.0	-	-	-	78.0	80.0	-	-	81.0	-	-	48.0	-	-	-	-	65.0	62.0	-	-	-	-	50.0	-	-	61.0	64.0	-	-	-
	Blower 2 Effluent Temp (°F)	-	-	-	100.0	100.0	-	100.0	-	-	100.0	-	-	-	108.0	108.0	-	-	109.0	-	-	72.0	-	-	-	-	90.0	96.0	-	-	-	-	82.0	-	-	94.0	90.0	-	-	-
	Blower 3 Vac ("Hg)	-2.5	-2.5	-	-	-	-	-	-4.0	-	-	-2.6	-	-	-	-	-2.1	-	-	-2.0	-	-	-2.0	-2.5	-2.5	-	-	-	-2.5	-	-2.0	-	-2.5	-	-	-	-	-	-2.5	-	-2.5
	Blower 3 Pressure ("WC)	21.0	22.0	-	-	-	-	-	22.0	-	-	22.0	-	-	-	-	16.0	-	-	17.0	-	-	17.0	17.0	18.0	-	-	-	28.0	-	17.0	-	-	-	17.0	-	-	-	18.0	-	17.0
	Blower 3 Influent Temp (°F)	60.0	58.0	-	-	-	-	-	72.0	-	-	58.0	-	-	-	-	88.0	-	-	72.0	-	-	51.0	36.0	50.0	-	-	-	78.0	-	72.0	-	-	-	52.0	-	-	-	76.0	-	78.0
	Blower 3 Effluent Temp (°F)	90.0	88.0	-	-	-	-	-	105.0	-	-	89.0	-	-	-	-	110.0	-	-	96.0	-	-	80.0	62.0	78.0	-	-	-	100.0	-	100.0	-	-	-	85.0	-	-	-	102.0	-	104.0
	Manifold Vacuum ("WC)	-25.0	-25.0	-24.0	-24.0	-25.0	-26.0	-25.0	-24.0	-	-	-	-	-	-	-18.0	-15.0	-15.0	-16.0	-26.0	-16.0	-17.0	-18.0	-22.0	-20.0	-	-19.0	-	-	-27.0	-	-	-19.0	-	-21.0	-35.0	-29.0	-29.5	-	-19.0	-18.0	-18.0
	New Manifold Vacuum ("WC)	-	-25.0	-	-	-	-	-	-	-25.0	-25.0	-27.0	-	-23.0	-23.0	-36.0	-	-	-	-	-	-	-	-	-	-32.0	-29.0	-31.0	-	-	-	-19.0	-	-	-	-	-	-	-17.0	-
	New Manifold Airflow (CFM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70.0	80.0	70.0	70.0	80.0	80.0	-	-	-	70.0	-	-	80.0	85.0	100.0	120.0	-	-	-	-	-
Discharge																																									
	Discharge Stack Temp (°F)	50	52	54	76	72	77	-	78	79	68	50	-	38	84	85	90	-	88	78	48	44	54	32	50	58	69	80	86	80	69	82	50	51	48	51	63	68	-	80	80	84
	Discharge Stack Pressure ("WC)	0	0	1	1	0	1	-	0.0	1.0	1.1	1.2	-	0.6	0.1	0.0	1.0	0.0	0.1	0.2	0.1	0.2	0.1	0.0	0.0	0.2	0.0	0.0	1.0	1.8	2.0	0.3	1.0	1.0	0.2	0.1	1.0	0.0	-	0.3	0.0	0.8
Manifold Legs / Wells																																									
	C1 Vacuum ("WC)	-38.0	-31.0	-29.0	-30.0	-30.0	-28.0	-30.0	-30.0	-30.0	-30.0	-30.0	-	-22.0	-22.0	-22.0	-14.0	-14.0	-15.0	-15.0	-14.0	-17.0	-18.0	-16.0	-19.0	-18.0	-19.0	-19.0	-18.0	-19.0	-15.0	-16.0	-18.0	-19.0	-20.0	-24.0	-18.0	-18.0	-	-18.0	-18.0	-18.0
	C1 Airflow (SCFM)	90.0	75.0	80.0	75.0	75.0	75.0	60.0	85.0	85.0	75.0	80.0	-	75.0	70.0	75.0	40.0	35.0	45.0	40.0	40.0	45.0	50.0	75.0	65.0	55.0	60.0	45.0	50.0	90.0	50.0	45.0	45.0	55.0	60.0	75.0	55.0	22.0	-	50.0	45.0	50.0
	C2 Vacuum ("WC)	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	C2 Airflow (SCFM)	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	B2 Vacuum ("WC)	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	B2 Airflow (SCFM)	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A2 Vacuum ("WC)	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A2 Airflow (SCFM)	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A1 Vacuum ("WC)	-24.0	-26.0	-26.0	-26.0	-25.0	-24.0	-24.0	-26.0	-26.0	-26.0	-27.0	-	-24.0	-23.0	-24.0	-14.0	-14.0	-17.0	-15.0	-15.0	-18.0	-18.0	-20.0	-20.0	-19.0	-19.0	-20.0	-19.0	-19.0	-16.0	-16.0	-18.0	-19.0	-20.0	-20.0	-19.0	-19.5	-	-19.0	-19.0	-19.0
	A1 Airflow (SCFM)	70.0	70.0	70.0	60.0	60.0	60.0	55.0	70.0	65.0	60.0	55.0	-	60.0	60.0	60.0	35.0	35.0	40.0	45.0	40.0	50.0	50.0	-	-	50.0	50.0	0.0	0.0	35.0	40.0	40.0	40.0	50.0	50.0	50.0	50.0	-	-	45.0	gauge stuck
	B1 Vacuum ("WC)	-26.0	-26.0	-26.0	-26.0	-25.0	-26.0	-25.0	-26.0	-27.0	-27.0	-26.0	-	-24.0	-24.0	-24.0	-15.0	-14.0	-16.0	-16.0	-16.0	-18.0	-20.0	-22.0	-21.0	-21.0	-20.0	-20.0	-21.0	-19.0	-18.0	-18.0	-20.0	-20.0	-22.0	-22.0	-21.0	-21.0	-	-21.0	-20.0	-20.0
	B1 Airflow (SCFM)	85.0	75.0	75.0	70.0	60.0	65.0	60.0	80.0	65.0	70.0	70.0	-	75.0	70.0	75.0	40.0	37.0	50.0	50.0	50.0	65.0	45.0	50.0	50.0	50.0	55.0	35.0	45.0	45.0	45.0	45.0	45.0	50.0	55.0	55.0	55.0	55.0	-	50.0	50.0	50.0
	3B Vacuum ("WC)	-3.3	-1.8	-3.0	-2.4	-3.0	-2.6	-4.2	-3.7	-3.0	-2.4	-2.7	-	-4.1	-4.5	-2.6	-1.5	-3.7	-3.9	-3.5	-3.0	-4.5	-4.1	-0.2	-5.2	-4.1	-3.9	-4.5	-4.5	-3.5	-4.0	-4.0	-	-4.9	-4.1	-3.6	-3.9	-3.8	-	-4.5	-4.5	-4.4
	3B Airflow (SCFM)	24.0	22.0	25.0	22.0	22.0	26.0	22.5	26.0	24.0	23.0	25.0	-	-	-	-	-	12.0	13.0	14.0	16.0	16.0	15.0	2.0	16.0	16.0	16.0	16.0	15.0	15.0	15.0	15.0	17.0	19.0	15.0	18.0	17.0	18.0	-	17.0	18.0	17.0
	4C Vacuum ("WC)	-2.8	-1.9	-2.8	-2.3	-2.8	-2.4	-2.8	-3.2	-3.1	-3.0	-3.3	-	-3.3	-3.7	-2.7	-2.5	-1.9	-2.6	-2.8	-2.7	-0.7	-1.3	-0.1	-0.6	-3.8	-3.1	0.0	-2.6	-3.7	-2.1	-2.8	-	-2.2	-4.2	-3.3	-4.0	-2.3	-	-3.0	-2.9	-3.8
	4C Airflow (SCFM)	12.0	10.0	11.0	10.0	10.0	14.0	11.0	10.0	10.0	10.0	12.0	-	14.0	13.0	10.0	10.0	9.0	9.0	9.0	15.0	11.0	11.0	7.0	14.0	11.0	13.0	11.0	11.0	10.0	10.0	15.0	12.0	12.0	15.0	18.0	11.0	13.0	-	11.0	11.0	11.0
	4A Vacuum ("WC)	-1.3	-1.9	-2.5	-2.6	-2.4	-2.5	-2.6	-2.9	-2.8	-2.1	-3.1	-	-1.4	-1.3	-2.7	-1.3	-1.7	-1.9	-1.4	-0.8	-1.9	-2.7	-3.4	-2.1	-2.1	-2.2	-2.2	-1.2	-1.1	-2.0	-4.7	-3.1	-3.8	-2.9	-3.8	-1.7	-2.8	-	-1.9	-2.0	-2.2
	4A Airflow (SCFM)	11.0	10.0	17.0	13.0	17.0	28.0	15.0	15.0	12.0	15.0	16.0	-	13.0	11.0	11.0	10.0	9.0	9.0	11.0	9.0	15.0	10.0	10.0	15.0	12.0	11.0	11.0	11.0	12.0	9.0	9.0	10.0	13.0	18.0	17.0	14.0	10.0	9.0	-	12.0	11.0	12.0
	3A Vacuum ("WC)	-2.6	-2.6	-2.8	-3.2	-2.1	-3.1	-3.2	-2.9	-2.8	-2.7	-2.9	-	-3.2	-4.2	-3.2	-2.2	-1.8	-3.6	-2.7	-3.2	-3.5	-3.5	-6.7	-3.7	-2.4	-2.4	-3.5	-3.4	-3.2	-1.7	-2.8	-2.9	-2.8	-4.3	-1.2	-2.9	-3.1	-	-3.1	-3.1	-3.3
	3A Airflow (SCFM)	14.0	13.0	15.0	14.0	14.0	28.0	15.0	15.0	11.0	14.0	15.0	-	20.0	19.0	17.0	14.0	14.0	14.0	13.0	10.0	18.0	17.0	25.0	20.0	18.0	19.0	19.0	17.0	17.0	16.0	15.0	-	-	10.0	-	0.0	0.0	-	0.0	0.0	gauge stuck
	6B Vacuum ("WC)	-1.8	-1.4	-1.6	-2.9	-1.9	-2.4	-1.8	-1.8	-3.1	-1.4	-2.0	-	-3.0	-2.6	-2.4	-2.0	-1.3	-2.9	-3.1	-2.1	-3.1	-2.6	-5.2	-3.5	-3.1	-2.1	-3.4	-2.5	-2.2	-2.9	-3.5	-2.9	-4.0	-2.5	-3.4	-4.1	-3.1	-	-3.2	-3.5	-3.0
	6B Airflow (SCFM)	16.0	16.0	16.0	16.0	17.0	32.0	17.0	18.0	17.0	17.0	18.0	-	18.0	-	-	12.0	11.0	12.0	14.0	14.0	15.0	22.0	16.0	15.0	16.0	17.0	16.0	13.0	15.0	14.0	17.0	16.0	19.0	17.0	16.0	18.0	16.0	-	16.0	17.0	16.0
	6C Vacuum ("WC)	-2.0	-1.8	-2.1	-1.8	trace	-0.4	-2.1	-2.1	-1.0	-1.2	-1.6	-	-1.3	-2.2	-2.6	-2.0	-2.2	-1.7	-2.1	-1.5	-3.5	-1.9	-4.4	-2.9	-3.4	-2.2	-2.7	-1.9	-3.5	-2.6	-3.1	-2.1	-2.5	-4.0	-3.1	-3.5	-2.3	-	-2.9	-2.6	-2.6
	6C Airflow (SCFM)	11.0	12.0	11.0	10.0	11.0	14.0	12.0	14.0	11.0	11.0	12.0	-	20.0	19.0	16.0	13.0	12.0	12.0	12.0	15.0	15.0	16.0	26.0	18.0	16.0	17.0	17.0	15.0	14.0	14.0	15.0	17.0	17.0	20.0	18.0	17.0	9.0	-	16.0	16.0	16.0
	5C Vacuum ("WC)	-3.1	-2.9	-3.1	-2.1	trace	-1.4	-3.3	-1.8	-1.6	-0.4	-1.2	-	-0.9	-1.3	-1.1	-1.1	-1.2	-3.1	-3.0	-3.0	-2.1	-2.1	-6.4	-2.4	-3.0	-1.3	-1.9	-5.8	-1.1	-2.8	-1.3	-2.7	-1.8	-3.1	-3.5	-2.6	-3.7	-0.6	-	-1.6	-0.7	-1.3
	5C Airflow (SCFM)	16.0	15.0	18.0	14.0	15.0	32.0	17.0	16.0	10.0	15.0	17.0	-	16.0	0.0	5.0	-	7.0	-	5.0	15.5	12.0	8.0	15.0	13.0	10.0	8.0	17.0	5.0	7.0	8.0	13.0	11.0	10.0	12.0	11.0	10.0	11.0	-	7.0	10.0	7.0
	5B Vacuum ("WC)	-1.6	-2.2	-2.5	-2.0	trace	-1.9	-2.8	-2.3	-2.8	-2.5	-2.8	-	-3.2	-2.2	-2.2	-2.5	-2.4	-2.5	-3.4	0.9	-5.8	-1.1	-0.9	-3.8	-1.8	-2.2	-2.9	-2.8	-2.7	-2.4	-2.5	-2.4	-3.6	-3.2	-3.1	-4.1	-2.5	-	-2.7	-0.7	-2.3
	5B Airflow (SCFM)	11.0	14.0	19.0	12.0	13.0	28.0	14.0	15.0	9.0	13.0	18.0	-	19.0	20.0	16.0	14.0	14.0	14.0	14.0	16.0	14.0	16.0	5.0	21.0	16.0	16.0	10.0	15.0	14.0	15.0	14.0	12.0	16.0	16.0	14.0	15.0	18.5	-	16.0	17.0	12.0
	Total Flow (CFM)	360.0	332.0	357.0	316.0	314.0	402.0	298.5	364.0	320.0	323.0	336.0	-	330.0	~255	~285	~200	~196	~219	~223	~246	~250	~258	~242	~245	~268	~281	~208	~206	~259	~237	~241	~229	~263	~289	~290	~256	~224	-	~195	~240	~191
GAC Vessels																																									
	Lead GAC (#)	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B	110B
	Lag GAC (#)	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A	110A
	Offline GAC (#)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Lead GAC Influent VOC (ppm)	15.8	0.3	22.5	2.2	0.0	27.0	0.2	3.5	0.4	0.1	0.2	-	0.1	1.8	0.0	0.5	0.5	0.3	0.3	0.1	0.1	6.2	0.1	1.0	0.2	8.4	0.4	0.2	0.6	-	0.2	0.5	0.1	0.2	0.2	0.0	0.8	-	0.3	0.7	0.2
	Lead GAC Influent Pressure ("WC)	8	10.0	6.0	5.0	8.0	8.0	6.0	5.0	5.5	5.9	6.0	-	2.4	2.8	13.0	2.4	0.0	1.6	1.7	3.1	2.8	2.8	8.0	-	3.2	2.1	2.9	3.2	2.0	3.5	2.9	2.4	2.2	2.9	2.9	2.5	5.4	-	3.0	3.0	6.0
	Lag GAC Influent VOC (ppm)	-	-	0.2	1.0	-	1.8	0.3	0.8	0.0	0.0	0.9	-	0.0	1.1	0.0	0.1	0.4	0.1	0.1	0.0	0.0	3.6	0.0	0.8	0.0	6.4	0.0	0.0	0.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-	0.0	0.1	0.0
	Lag GAC Influent Pressure ("WC)	-	-	9.0	7.0	-	7.0	7.0	7.5	1.0	1.0	9.0	-	11.5	0.7	0.0	0.5	12.0	0.8	0.6	0.7	0.3	0.5	0.0	13.0	1.1	12.0	-	0.6	0.0	2.4	0.5	0.4	1.4	1.2	0.5	0.2	2.4	-	0.3	0.0	1.3
	Lag GAC Effluent VOC (ppm)	0.2	0.6	0.4	0.5	0.1	0.7	0.0	-	0.0	0.0	0.0	-	0.0	1.4	0.0	0.0	1.2	0.0	0.0	0.0	0.0	3.7	0.0	0.6	0.0	5.5	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-	0.0	0.1	0.0

Notes:
1/3/18 - SSDS found off upon arrival. Appears to be result of B3 Vac 'on' alarm received 1/1/18. Influent lines from wells filled w/ water as observed at manifold sight tubes. SSDS left off pending drainage.
4/6/18 - System restarted
6/30/20 - system shut down following removal of PLC for modem upgrade. System restarted on 7/10/20 following reinstallation of the upgrade PLC.

FIGURES

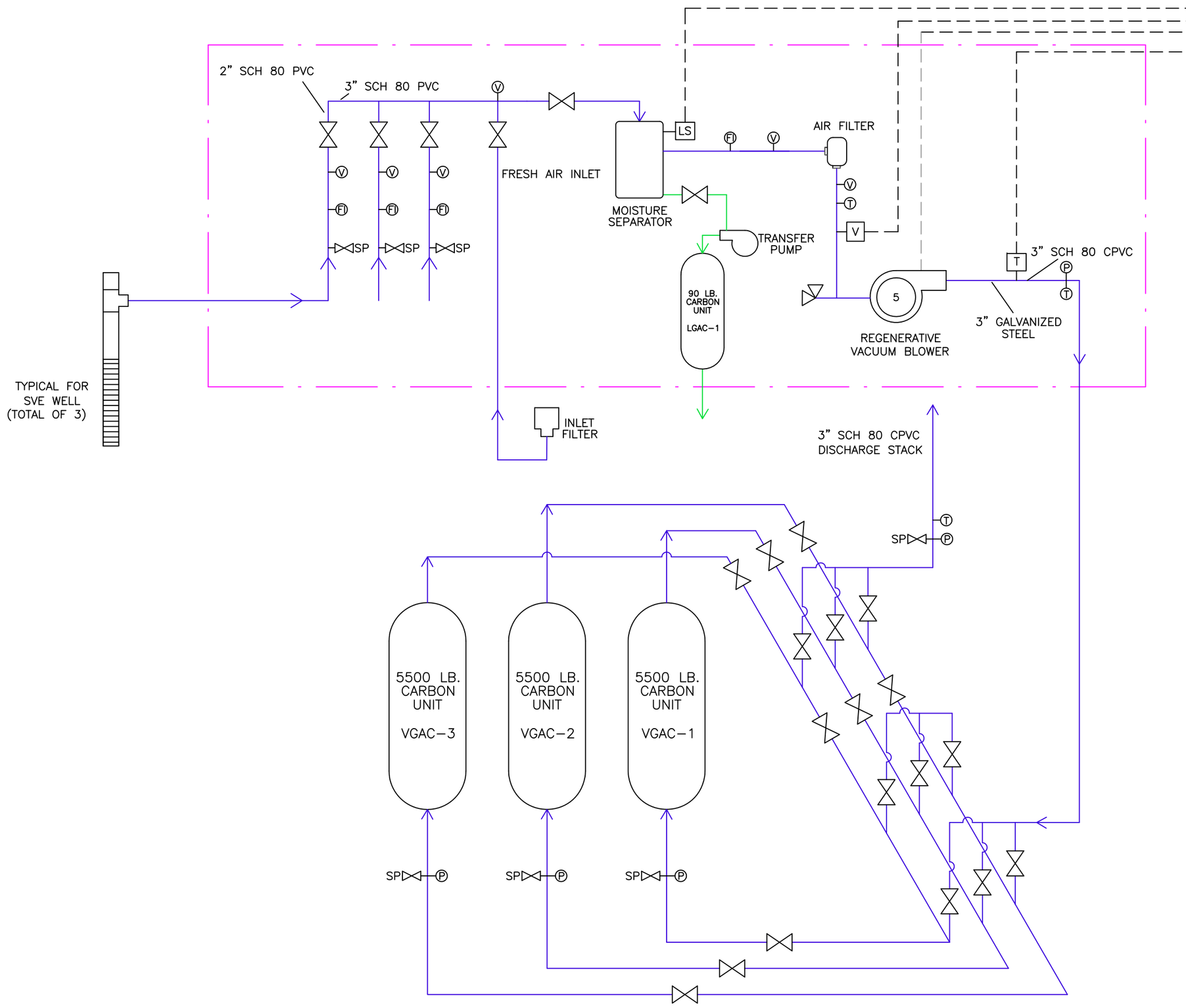


ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Figure 1
Site Location Map

N

100 & 110 Oser Avenue
Hauppauge, NY
Site No. 152162



SYSTEM LEGEND:

- V — VACUUM GAUGE
- T — TEMPERATURE GAUGE
- P — PRESSURE GAUGE
- BALL VALVE
- FI — FLOW INDICATOR
- RELIEF VALVE
- LS — LEVEL SWITCH
- T — TEMPERATURE SWITCH
- V — VACUUM SWITCH
- ELECTRIC LINE
- AIR FLOW DIRECTION
- WATER FLOW DIRECTION
- ENCLOSURE LIMITS

REVISION #:	1.1
DRAWN/REVISED BY:	JW
REVISION DATE:	2-28-05

FIGURE: 2

DRAWING TITLE

SOIL VAPOR EXTRACTION SYSTEM PROCESS AND INSTRUMENTATION DIAGRAM

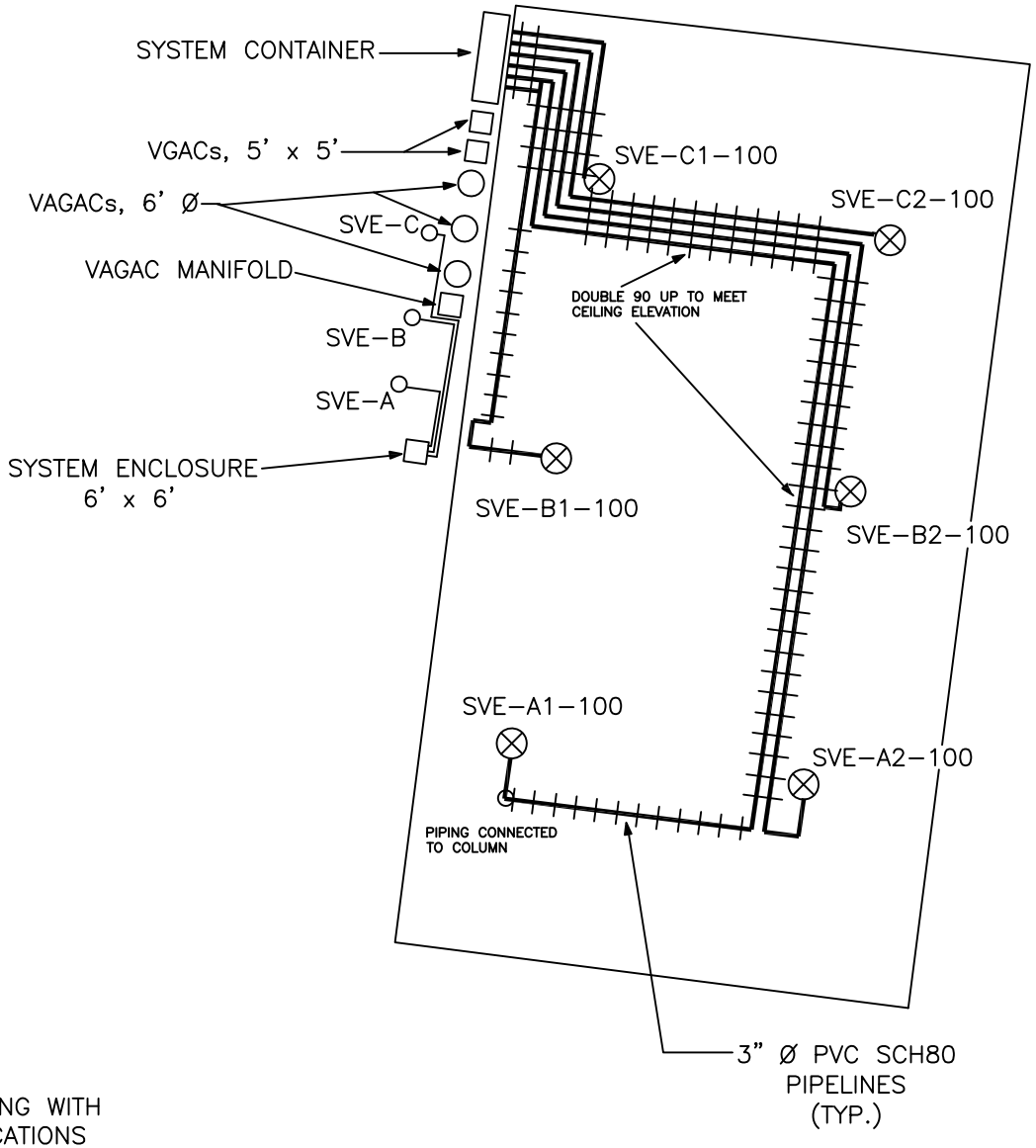
PROJECT NAME

NYSDEC – OSER AVENUE
100 OSER AVENUE
HAUPPAUGE, NEW YORK

PREPARED FOR

NYSDEC - DIVISION OF HAZ. WASTE
50 WOLF ROAD
ALBANY, NEW YORK 12233-7010

EnviroTrac
80-B Air Park Drive
Ronkonkoma, New York 11779
Phone: (631) 471-1500 Fax: (631) 471-6363



north

LEGEND:

- ⊗ SSD WELL
- ○ SVE WELL
- SYSTEM PIPING WITH HANGER LOCATIONS

EnviroTrac ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 20 FT. 40

REVISION DATE: MARCH 29, 2013 | APPROX. SCALE: 1" = 40 FEET | REVISED BY: TB

100 OSER AVENUE
HAUPPAUGE, NEW YORK

SSD & SVE SYSTEM LAYOUT
100 OSER AVENUE

FIGURE # 3

V–100
MOISTURE SEPARATOR
90 GALLON TOTAL
CAPACITY CARBON STEEL
(30 GALLON LIQUID)

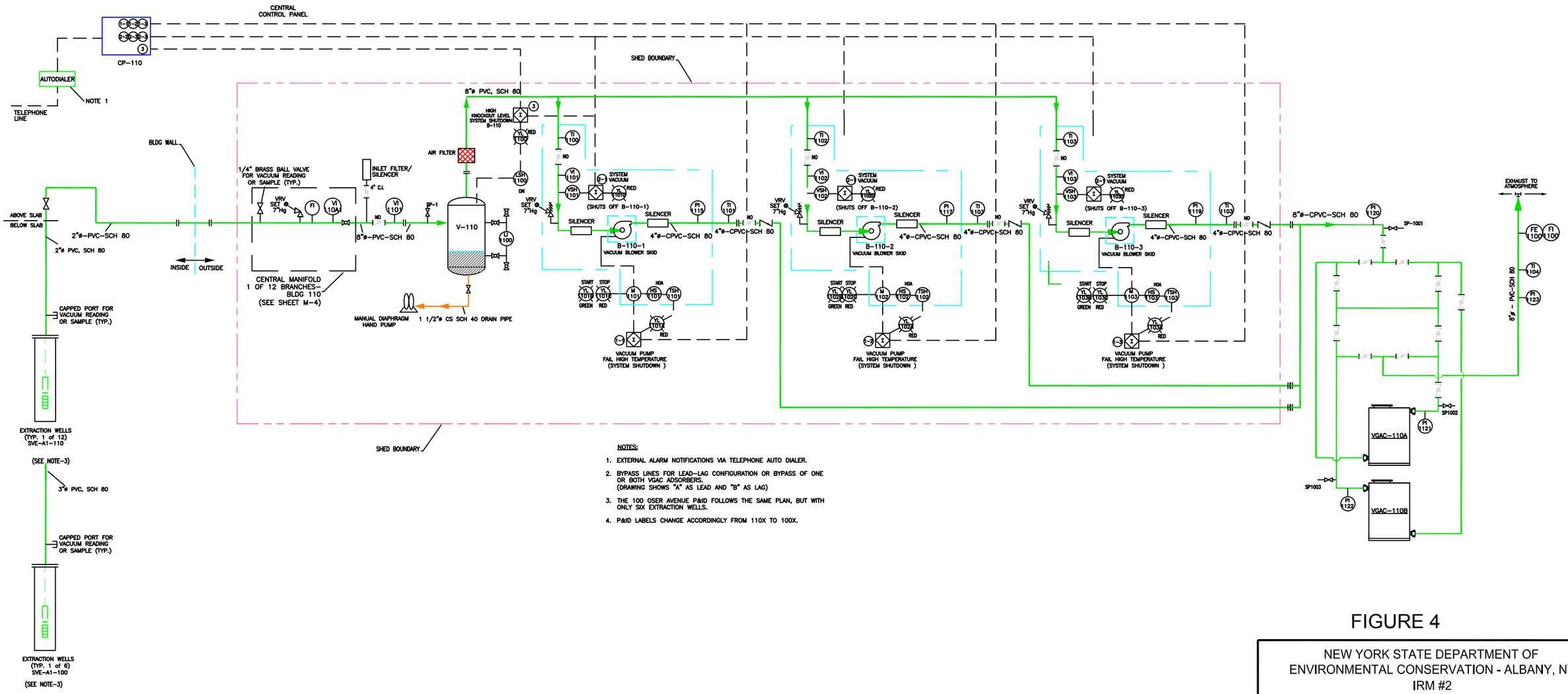
B–100–1, –2 AND –3
(3) POSITIVE DISPLACEMENT BLOWERS
240 CFM EACH @ 60" H_2O VACUUM
7.5 HP 230/460 3ø PD BLOWER

VGAC–100A & B
CARBON CONTACTORS
RATED AT 12 PSIG
3,000 LBS EACH, 720 CFM

V–110
MOISTURE SEPARATOR
90 GALLON TOTAL
CAPACITY CARBON STEEL
(30 GALLON LIQUID)

B–110–1, –2 AND –3
(3) POSITIVE DISPLACEMENT BLOWERS
240 CFM EACH @ 70" H_2O VACUUM
7.5 HP 230/460 V 3ø PD BLOWER

VGAC–110A & B
CARBON CONTACTORS
RATED AT 12 PSIG
3,000 LBS, 720 CFM
(2 UNITS EACH BUILDING)



NOTES:

1. EXTERNAL ALARM NOTIFICATIONS VIA TELEPHONE AUTO DIALER.
2. BYPASS LINES FOR LEAD–LAG CONFIGURATION OR BYPASS OF ONE OR BOTH VGAC ADSORBERS. (DRAWING SHOWS "A" AS LEAD AND "B" AS LAG)
3. THE 100 OSER AVENUE P&ID FOLLOWS THE SAME PLAN, BUT WITH ONLY SIX EXTRACTION WELLS.
4. P&ID LABELS CHANGE ACCORDINGLY FROM 110X TO 100X.

DESIGN BASIS BLDG 110
12 WELLS @ 60 CFM EACH
720 CFM TOTAL
< 5 PPMV PCE

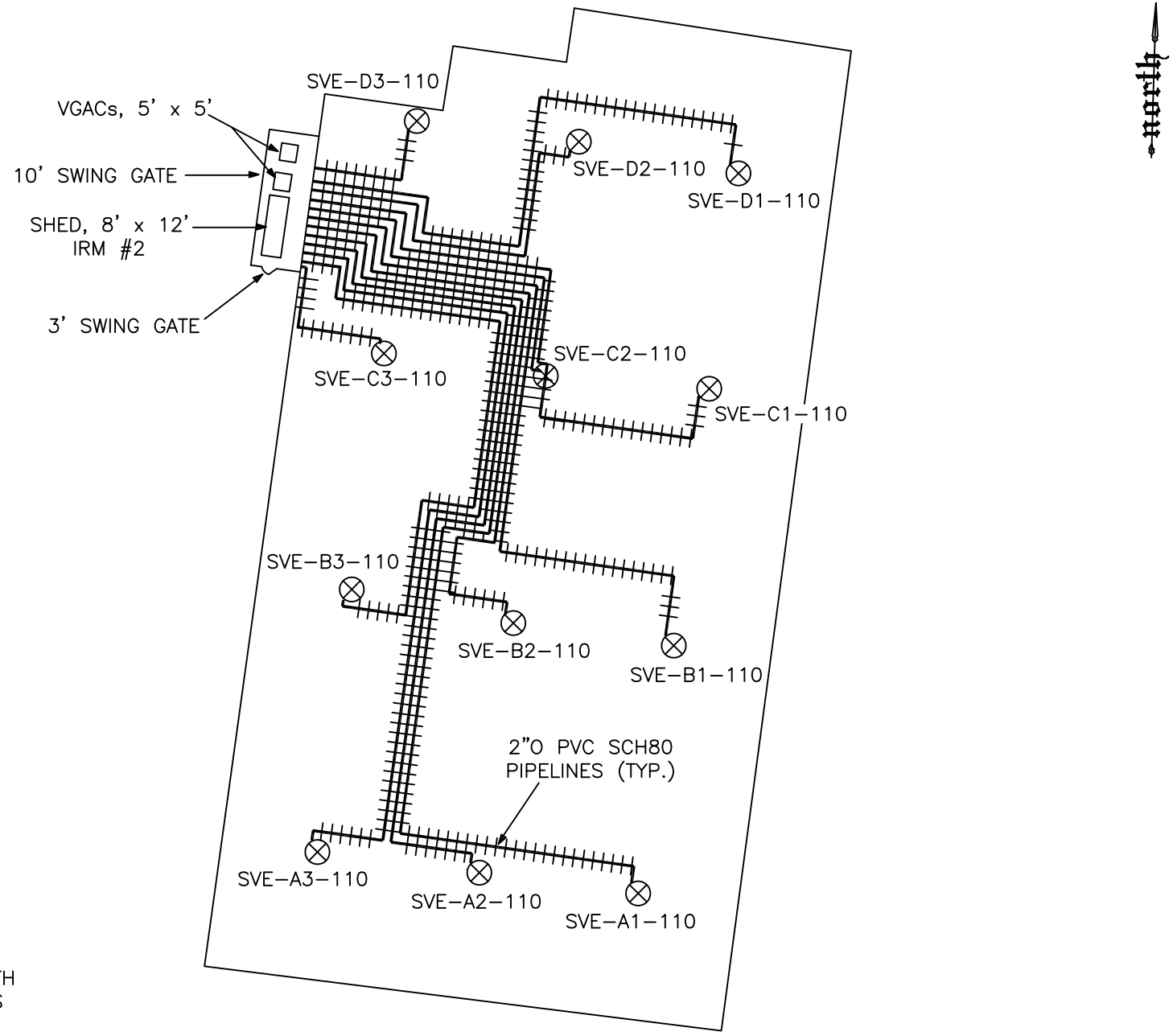
DESIGN BASIS BLDG 100
6 WELLS @ 120 CFM EACH
720 CFM TOTAL
~ 275 PPMV PCE

FIGURE 4

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION - ALBANY, NY
IRM #2

AS-BUILT
PIPING AND INSTRUMENTATION DIAGRAM
(BUILDINGS 100 & 110)
OSER AVENUE
HAUPPAUGE, NEW YORK

EnviroTrac
80 B. AIR PARK DRIVE, RONKONKOMA, NEW YORK 11779
PHONE: (631)471–1500 FAX: (631)471–6363



LEGEND:

⊗ SSD WELL

SYSTEM PIPING WITH HANGER LOCATIONS

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

0 25 FT. 50

REVISION DATE: MARCH 29, 2013

APPROX. SCALE: 1" = 50 FEET

REVISED BY: TB

110 OSER AVENUE
HAUPPAUGE, NEW YORK

SSD SYSTEM LAYOUT
110 OSER AVENUE

FIGURE # 5

APPENDIX A: DAILY SYSTEM STATUS REPORTS

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Saturday, August 1, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv; discrete.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/01/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	ON	BL2IND	ON
BL_SW3	OFF	BL3IND	OFF	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	ON	BL3OUT	OFF	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	15.9	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.0	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.2	IWC			10.0	90.0	0.0	95.0

TEMP_1	86.8	DEG			40.0	150.0	30.0	160.0
TEMP_2	109.8	DEG			40.0	150.0	30.0	160.0
TEMP_3	86.1	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Sunday, August 2, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/02/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	ON	BL2IND	ON
BL_SW3	OFF	BL3IND	OFF	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	ON	BL3OUT	OFF	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	15.8	IWC			0.9	90.0	0.0	95.0
BL2VAC	16.9	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.2	IWC			10.0	90.0	0.0	95.0

TEMP_1	91.3	DEG			40.0	150.0	30.0	160.0
TEMP_2	114.3	DEG			40.0	150.0	30.0	160.0
TEMP_3	90.5	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Monday, August 3, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -65 dBm. Signal quality was measured as 6.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/03/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	ON	BL2IND	ON
BL_SW3	OFF	BL3IND	OFF	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	ON	BL3OUT	OFF	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	15.8	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.2	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.2	IWC			10.0	90.0	0.0	95.0

TEMP_1	92.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	115.1	DEG			40.0	150.0	30.0	160.0
TEMP_3	91.6	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Tuesday, August 4, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/04/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	ON	BL2IND	ON
BL_SW3	OFF	BL3IND	OFF	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	ON	BL3OUT	OFF	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	15.8	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.0	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.3	IWC			10.0	90.0	0.0	95.0

TEMP_1	90.0	DEG			40.0	150.0	30.0	160.0
TEMP_2	113.6	DEG			40.0	150.0	30.0	160.0
TEMP_3	89.5	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Wednesday, August 5, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 6.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/05/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	ON	BL2IND	ON
BL_SW3	OFF	BL3IND	OFF	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	ON	BL3OUT	OFF	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.2	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.3	IWC			10.0	90.0	0.0	95.0

TEMP_1	88.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	111.1	DEG			40.0	150.0	30.0	160.0
TEMP_3	87.2	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Thursday, August 6, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -59 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/06/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	ON	BL2IND	ON
BL_SW3	OFF	BL3IND	OFF	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	ON	BL3OUT	OFF	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.3	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.3	IWC			10.0	90.0	0.0	95.0

TEMP_1	88.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	111.0	DEG			40.0	150.0	30.0	160.0
TEMP_3	87.7	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Friday, August 7, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv; discrete.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/07/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	87.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.7	DEG			40.0	150.0	30.0	160.0
TEMP_3	110.1	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Saturday, August 8, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/08/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	88.3	DEG			40.0	150.0	30.0	160.0
TEMP_2	87.9	DEG			40.0	150.0	30.0	160.0
TEMP_3	111.4	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Sunday, August 9, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -59 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/09/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	88.5	DEG			40.0	150.0	30.0	160.0
TEMP_2	88.1	DEG			40.0	150.0	30.0	160.0
TEMP_3	111.1	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Monday, August 10, 2020 6:06 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -59 dBm. Signal quality was measured as 6.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:05:00 on 08/10/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	90.0	DEG			40.0	150.0	30.0	160.0
TEMP_2	89.6	DEG			40.0	150.0	30.0	160.0
TEMP_3	112.7	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Tuesday, August 11, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/11/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.5	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	91.1	DEG			40.0	150.0	30.0	160.0
TEMP_2	90.8	DEG			40.0	150.0	30.0	160.0
TEMP_3	113.9	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Wednesday, August 12, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/12/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	91.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	91.5	DEG			40.0	150.0	30.0	160.0
TEMP_3	114.5	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Thursday, August 13, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/13/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	90.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	90.0	DEG			40.0	150.0	30.0	160.0
TEMP_3	113.2	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Friday, August 14, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -59 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/14/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	88.6	DEG			40.0	150.0	30.0	160.0
TEMP_2	88.1	DEG			40.0	150.0	30.0	160.0
TEMP_3	111.2	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Saturday, August 15, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -59 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/15/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.1	IWC			10.0	90.0	0.0	95.0

TEMP_1	87.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.9	DEG			40.0	150.0	30.0	160.0
TEMP_3	110.0	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Sunday, August 16, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -59 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/16/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.8	IWC			10.0	90.0	0.0	95.0

TEMP_1	87.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.9	DEG			40.0	150.0	30.0	160.0
TEMP_3	110.3	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Monday, August 17, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/17/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	83.9	DEG			40.0	150.0	30.0	160.0
TEMP_2	83.2	DEG			40.0	150.0	30.0	160.0
TEMP_3	106.5	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Tuesday, August 18, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/18/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	84.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	84.2	DEG			40.0	150.0	30.0	160.0
TEMP_3	107.8	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Wednesday, August 19, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -57 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/19/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	87.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.8	DEG			40.0	150.0	30.0	160.0
TEMP_3	109.5	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Thursday, August 20, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 4.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/20/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.2	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.7	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	83.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	82.3	DEG			40.0	150.0	30.0	160.0
TEMP_3	105.0	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Friday, August 21, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/21/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	85.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	84.7	DEG			40.0	150.0	30.0	160.0
TEMP_3	107.6	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Saturday, August 22, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/22/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	89.3	DEG			40.0	150.0	30.0	160.0
TEMP_2	88.8	DEG			40.0	150.0	30.0	160.0
TEMP_3	111.8	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Sunday, August 23, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/23/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	89.7	DEG			40.0	150.0	30.0	160.0
TEMP_2	89.2	DEG			40.0	150.0	30.0	160.0
TEMP_3	111.9	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Monday, August 24, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -63 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/24/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.6	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	90.6	DEG			40.0	150.0	30.0	160.0
TEMP_2	90.3	DEG			40.0	150.0	30.0	160.0
TEMP_3	113.2	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Tuesday, August 25, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 5.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/25/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	15.9	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.5	IWC			10.0	90.0	0.0	95.0
BL3VAC	18.0	IWC			10.0	90.0	0.0	95.0

TEMP_1	91.3	DEG			40.0	150.0	30.0	160.0
TEMP_2	91.0	DEG			40.0	150.0	30.0	160.0
TEMP_3	113.7	DEG			40.0	150.0	30.0	160.0

Hofmann, Ian

From: The ENVIRO ASSESSMENT system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>
Sent: Wednesday, August 26, 2020 6:01 AM
To: Hofmann, Ian
Subject: ProControl Status Report with Logged Data
Attachments: analogin.csv; event.csv

Attachments contain comma-separated data collected over the past 1 days 0 hours.

Email generated from WAN IP address: 166.143.113.241
Signal strength was measured at -61 dBm. Signal quality was measured as 6.
Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 08/26/2020
This system uses ROM version 2.251 and is a MODEL B1.
The system is currently in AUTO mode and the last process to run was AUTO process #07.
This system last shut down at 07:58:43 on 07/10/2020 and the cause was KO_HH .

DISCRETE INPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL_SW1	OFF	BL1IND	OFF	BL_SW2	OFF	BL2IND	OFF
BL_SW3	ON	BL3IND	ON	KO_HH	OFF	LMPTST	OFF
RESET	OFF	SVE_ON	ON				

DISCRETE OUTPUT STATUS:

Tagname	*State*	*Tagname*	*State*	*Tagname*	*State*	*Tagname*	*State*
BL1OUT	OFF	BL2OUT	OFF	BL3OUT	ON	VAC1	OFF
VAC2	OFF	VAC3	OFF	KO_HS	OFF	BL1ALM	OFF
BL2ALM	OFF	BL3ALM	OFF	TMP1HS	OFF	TMP2HS	OFF
TMP3HS	OFF	TSTOUT	OFF				

ANALOG INPUT STATUS:

Tagname	*Value*	*Units*	*Totalizer*	*Total Units*	*Alarm Setpoints*			
					Low	*High*	*Low-Low*	*High-High*
BL1VAC	16.0	IWC			0.9	90.0	0.0	95.0
BL2VAC	15.5	IWC			10.0	90.0	0.0	95.0
BL3VAC	17.9	IWC			10.0	90.0	0.0	95.0

TEMP_1	87.1	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.6	DEG			40.0	150.0	30.0	160.0
TEMP_3	109.3	DEG			40.0	150.0	30.0	160.0