

**MONTHLY PROGRESS REPORT**  
**SITE OPERATION & MAINTENANCE**

100 & 110 OSER AVENUE  
HAUPPAUGE, NEW YORK  
SITE#: 152162

**Prepared For:**



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## 1.0 INTRODUCTION

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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 June 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.

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## 2.0 O&M ACTIVITIES

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### 2.1 100 OSER AVENUE SVE (IRM#1)

Routine, monthly O&M was conducted on June 18<sup>th</sup>, 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 June 2020 is estimated at >95%. Daily reports and any alarm reports, generated by the telemetry unit, are included as Appendix A.

#### 2.1.1 O&M ACTIVITIES

- On June 18<sup>th</sup>, 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.
- On June 30<sup>th</sup>, 2020, the SVE system was shut down following removal of telemetry/programmable logic controller unit for modem upgrade.

### 2.2 100 OSER AVENUE SSDS (IRM#2)

Routine, monthly O&M was conducted on June 18<sup>th</sup>, 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.

As of mid-April, 2020, the integrated telemetry unit/programmable logic controller (PLC) has been periodically failing to transmit daily email reports due to an apparent issue with the unit's cellular modem. The telemetry/PLC unit was removed on June 30, 2020, and shipped to manufacturer EOS Research (Rochester, NH) for review and upgrade and/or repair. As this leaves the systems without

safety mechanisms, the SSDS and SVE systems were shut down following /telemetry PLC unit removal until the unit can be upgraded/repaired and reinstalled.

System uptime for June 2020 is estimated at >95%. Daily reports and any alarm reports, generated by the telemetry unit, are included as Appendix A.

### 2.2.1 O&M ACTIVITIES

- On June 18<sup>th</sup>, 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.
- On June 30<sup>th</sup>, 2020, the SVE system was shut down following removal of telemetry/programmable logic controller unit for modem upgrade.

### 2.3 110 OSER AVENUE SSDS (IRM#2)

The system at 110 Oser Avenue is currently off.

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### 3.0 SYSTEM AIR SAMPLING

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Quarterly air samples for laboratory analysis were last collected from the VGAC effluent air streams at both IRM#1 and IRM#2 on March 3<sup>rd</sup>, 2020. Air samples for laboratory analysis were not collected during the time period covered by this report due to a lapse in project funding. It is anticipated that quarterly system air samples will be collected in July 2020.

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.

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**TABLES**

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**TABLE 1: IRM#1 (SVE) SYSTEM DATA LOG**

**TABLE 2: IRM#2 (SSDS) SYSTEM DATA LOG**

Table 1

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				
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	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	on	on
Technicians	PL, FG	PL, JB	JB	PL	JB	DC	JPL	MD	PL	JB	JB	MD	JB	PL	DC, JPL	JB	PL	JB	BC/AD	JB	JB	JB	JB	JB	JB	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM	EM		
Heater Tape (on/off)	on	on	off	off	off	off	off	off	off	off	off	off	off	off	on	on	on	off	off	off	off	off	off	off	off	off	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	
Shed Heater (on/off)	off	on	off	off	off	off	off	off	off	off	off	off	off	off	on	on	on	off	off	off	off	off	off	off	off	off	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	on	
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	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				
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	-12.0	-12.0	-25.0	-15.0	-15.0	-14.0	-14.0	-16.0	-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	-21.0	-22.0		
Indicating Vacuum Switch Vac (WC)	-24.0	-24.0	-	-22.0	-20.0	-20.0	-21.0	-22.0	-22.0	-21.0	-24.0	-18.0	-12.0	-23.0	-29.0	-28.0	-29.0	-28.0	-28.0	-29.0	-28.0	-29.0	-30.0	-30.0	-30.0	-34.0	-32.0	-30.0	-28.0	-26.0	-21.0	-23.0	-24.0	-25.0	-24.0	-25.0	-24.0	-26.0	-26.0	-25.0	-22.0	-4.0	-22.0	-26.0		
Blower Vac (WC)	-26.0	-22.0	-	-24.0	-18.0	-22.0	-21.0	-24.0	-21.0	-24.0	-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	-34.0	-32.0	-30.0	-28.0	-26.0	-21.0	-23.0	-24.0	-25.0	-24.0	-26.0	-26.0	-25.0	-22.0	-4.0	-22.0	-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	35.0	38.0	45.0	40.0	48.0	35.0				
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	60.0	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				
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	102.0	65.0	80.0	65.0	70.0	90.0	96.0	84.0	88.0			
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	-20.0	-20.0	-20.0	-21.0	-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			
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	-				
Discharge Stack Pressure (WC)	2	2.2	-	1.8	1.9	trace	1	2	1.8	1.8	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Manifold Legs / Wells																																														
A Vacuum (WC)	-14.0	-14.0	-	-14.0	-14.0	-15.0	-14.0	-14.0	-14.0	-14.0	-15.0	-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	-14.0	-14.0	-14.0	-17.0	-14.0					
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	55.0	55.0	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	50.0	50.0				
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	-16.0	-18.0	-16.0	-18.0	-18.0	-16.0	-19.0	-14.0	-17.0	-17.0	-16.0	-14.0	-16.0	-14.0	-14.0	-13.5	-17.0	-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	50.0	60.0	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	40.0	50.0	48.0	48.0	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	-18.0	-18.0	-19.0	-19.0	-19.0	-19.0	-19.5	-16.0	-18.0	-18.0	-16.0	-18.0	-16.0	-18.0	-15.0	-18.0	-16.0						
C Airflow (CFM)	50.0	50.0	-	52.0	40.0	40.0	50.0	50.0	45.0	35.0	45.0	30.0	45.0	50.0	60.0	-	50.0	60.0	50.0	50.0	50.0	55.0	50.0	50.0	55.0	73.0	65.0	55.0	60.0	45.0	45.0	45.0	55.0	45.0	50.0	50.0	45.0	50.0	45.0	55.0	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	180.0	160.0	155.0	170.0	155.0	150.0	145.0	155.0	135.0	120.0	160.0	150.0	140.0					
GAC Vessels																																														
Lead GAC (lb)	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				
Lag GAC (lb)	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					
Offline GAC (lb)	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					
Lead GAC Influent VOC (ppm)	29.5	4.2	-	4.8	34.6	43.0	38.1	24.2	58.8																																					

Table 2

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



Date	2/22/2017	3/31/2017	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	3/12/2019	4/10/2019	5/1/2019	6/12/2019	7/3/2019	8/1/2019	9/5/2019	10/1/2019	11/8/2019	12/3/2019	1/2/2020	2/4/2020	3/3/2020	4/7/2020	5/8/2020	6/18/2020							
SSD System Status on Arrival	on	on	on	on	on	off	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	off	on										
SSD System Status on Departure	on	on	on	on	on	off	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	off	on									
Technician(s)	PL,FG	PL,JB	JB	JB	DG	JPL	MF	PL	JB	JB	MF	JB	JB	PL	JB	BC/AD	JB	JB	JB/EM	JB	JB/MH	EM	EM	EM	EM	MF	JB	MF	PB	JB	JB	JB	JB	JB	JB	JB	JB	JB	MF	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	off	off	off	off	off	off	off	off	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	off	off	off	off	off	off	off	off	off	off	off	off	off			
In-Line Filter Status	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									
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				
<b>System</b>																																														
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	-	-	-	-	-	-					
Blower 1 Pressure (\"WC)	-	-	0.0	-	-	16.0	-	-	14.0	-	-	-	32.0	-	-	-	12.0	-	-	32.0	-	-	-	-	24.0	-	-	32.0	-	-	32.0	-	-	32.0	-	-	32.0	-	-	32.0	-	-	-	-		
Blower 1 Inflow Temp (\"F)	-	-	64.0	-	-	72.0	-	-	72.0	-	-	-	54.0	-	-	-	82.0	-	-	72.0	-	-	-	-	58.0	-	-	80.0	-	-	74.0	-	-	55.0	-	-	62.0	-	-	62.0	-	-	-	-		
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	-	-	88.0	-	-	-	-		
Blower 2 Vac (\"Hg)	-	-	-	-1.5	-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	-	-	16.0	-	-	16.0	-	-	16.0	-	-	-	-	
Blower 2 Inflow Temp (\"F)	-	-	-	72.0	72.0	-	-	82.0	-	-	-	-	78.0	80.0	-	-	81.0	-	-	78.0	-	-	-	-	48.0	-	-	65.0	62.0	-	-	50.0	-	-	61.0	-	-	61.0	-	-	64.0	-	-	60.0	-	
Blower 2 Effluent Temp (\"F)	-	-	-	100.0	100.0	-	-	100.0	-	-	-	-	108.0	108.0	-	-	109.0	-	-	72.0	-	-	-	-	72.0	-	-	90.0	96.0	-	-	82.0	-	-	94.0	-	-	94.0	-	-	90.0	-	-	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	-	-	-2.0	-	-	-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	-	-	17.0	-	-	18.0	-	-	18.0	-		
Blower 3 Inflow 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	-	-	52.0	-	-	76.0	-	-	76.0	-		
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	-	-	85.0	-	-	102.0	-	-	102.0	-		
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	-	-	-19.0	-	-	-16.0	-	-	-21.0	-35.0	-29.0	-29.5	-	-	-19.0	-	-	-19.0	-			
New Manifold Vacuum (\"WC)	-	-	-25.0	-	-	-	-	-25.0	-25.0	-27.0	-	-	-23.0	-23.0	-36.0	-	-	-	-	-	-	-	-	-	-	-32.0	-29.0	-31.0	-	-	-27.0	-	-	-19.0	-	-	-19.0	-	-	-19.0	-	-	-19.0	-		
New Manifold Airflow (CFM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Discharge</b>																																														
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	-				
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	0.0	0.2	0.0	0.0	1.0	1.8	2.0	0.3	1.0	1.8	2.0	0.1	1.0	0.0	2.0	-	-	0.3	-			
<b>Manifold Legs / Wells</b>																																														
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	-18.0	-19.0	-15.0	-16.0	-18.0	-18.0	-19.0	-18.0	-	-	-18.0	-		
C1 Airflow (SCFM)	90.0	75.0	80.0	75.0	75.0	80.0	85.0	85.0	75.0	80.0	-	-	75.0	70.0	70.0	40.0	35.0	40.0	40.0	40.0	40.0	45.0	50.0	45.0	55.0	60.0	45.0	50.0	50.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
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	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
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	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
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	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	
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	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
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	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	
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	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	
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	-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	-16.0	-16.0	-18.0	-18.0	-20.0	-20.0	-19.0	-19.5	-	-	-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	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
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	-20.0	-20.0	-21.0	-19.0	-18.0	-18.0	-20.0	-20.0	-20.0	-22.0												

---

**FIGURES**

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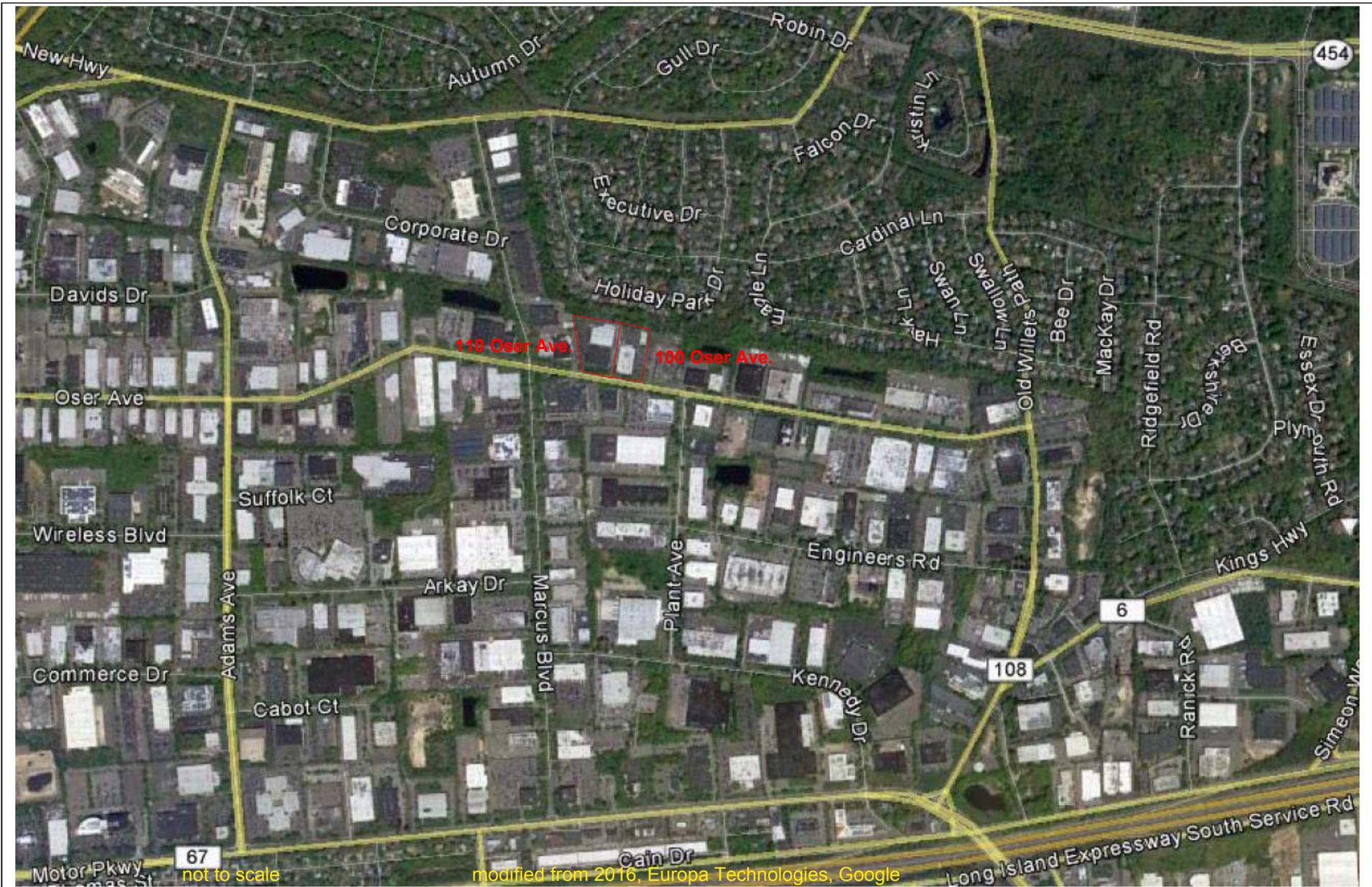
**FIGURE 1: SITE LOCATION MAP**

**FIGURE 2: IRM#1 PROCESS & INSTRUMENTATION DIAGRAM**

**FIGURE 3: IRM#1 & IRM#2 LAYOUT**

**FIGURE 4: IRM#2 PROCESS & INSTRUMENTATION DIAGRAM**

**FIGURE 5: 110 OSER AVENUE IRM#2 LAYOUT**

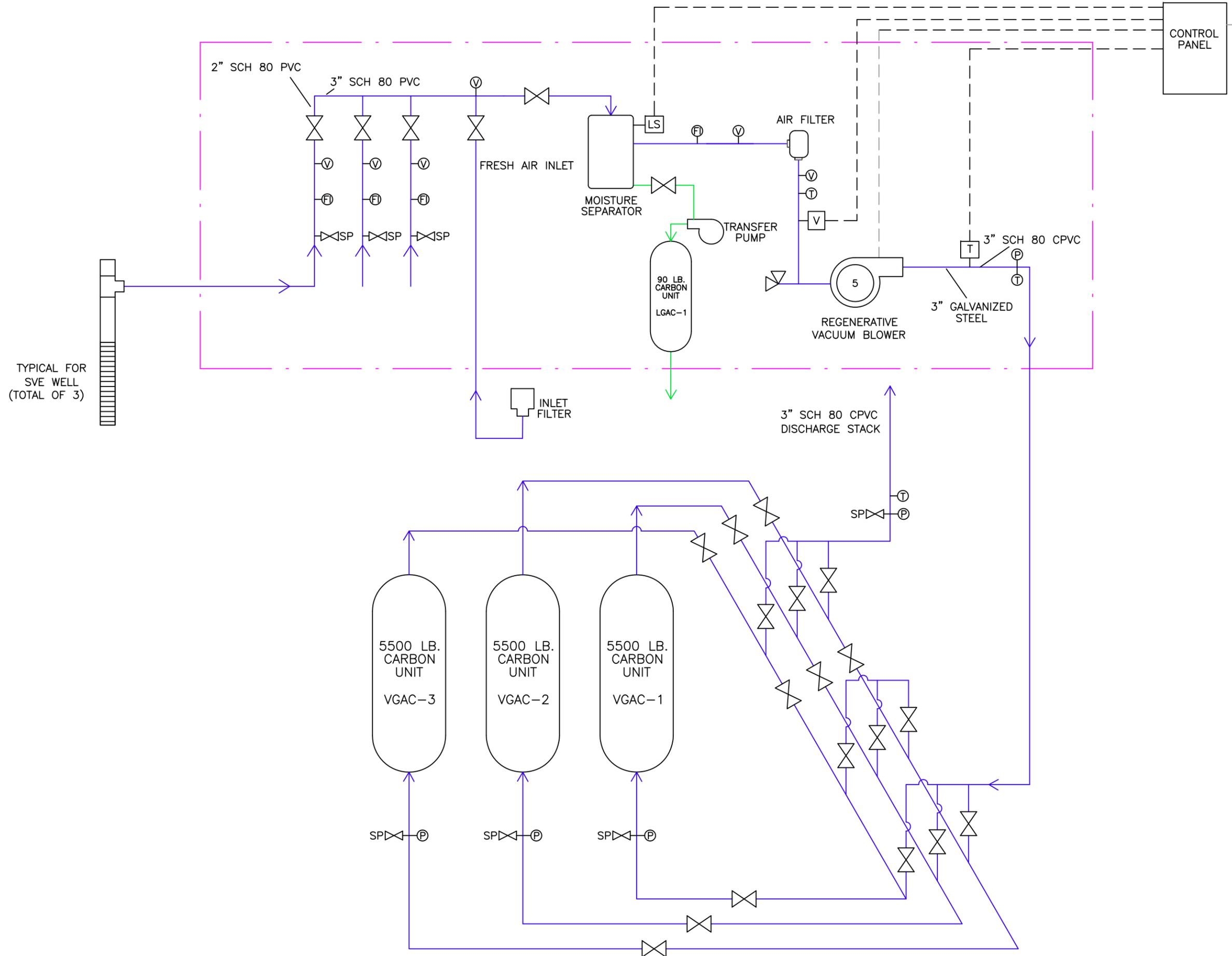


ENVIRONMENTAL  
ASSESSMENT &  
REMEDIATIONS

Figure 1  
Site Location Map



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



TYPICAL FOR  
SVE WELL  
(TOTAL OF 3)

**SYSTEM LEGEND:**

- ⊙ VACUUM GAUGE
- ⊙ TEMPERATURE GAUGE
- ⊙ PRESSURE GAUGE
- ⊙ BALL VALVE
- ⊙ 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	FIGURE:
DRAWN/REVISED BY:	JW	2
REVISION DATE:	2-28-05	

**DRAWING TITLE**

SOIL VAPOR EXTRACTION  
SYSTEM PROCESS AND  
INSTRUMENTATION DIAGRAM

**PROJECT NAME**

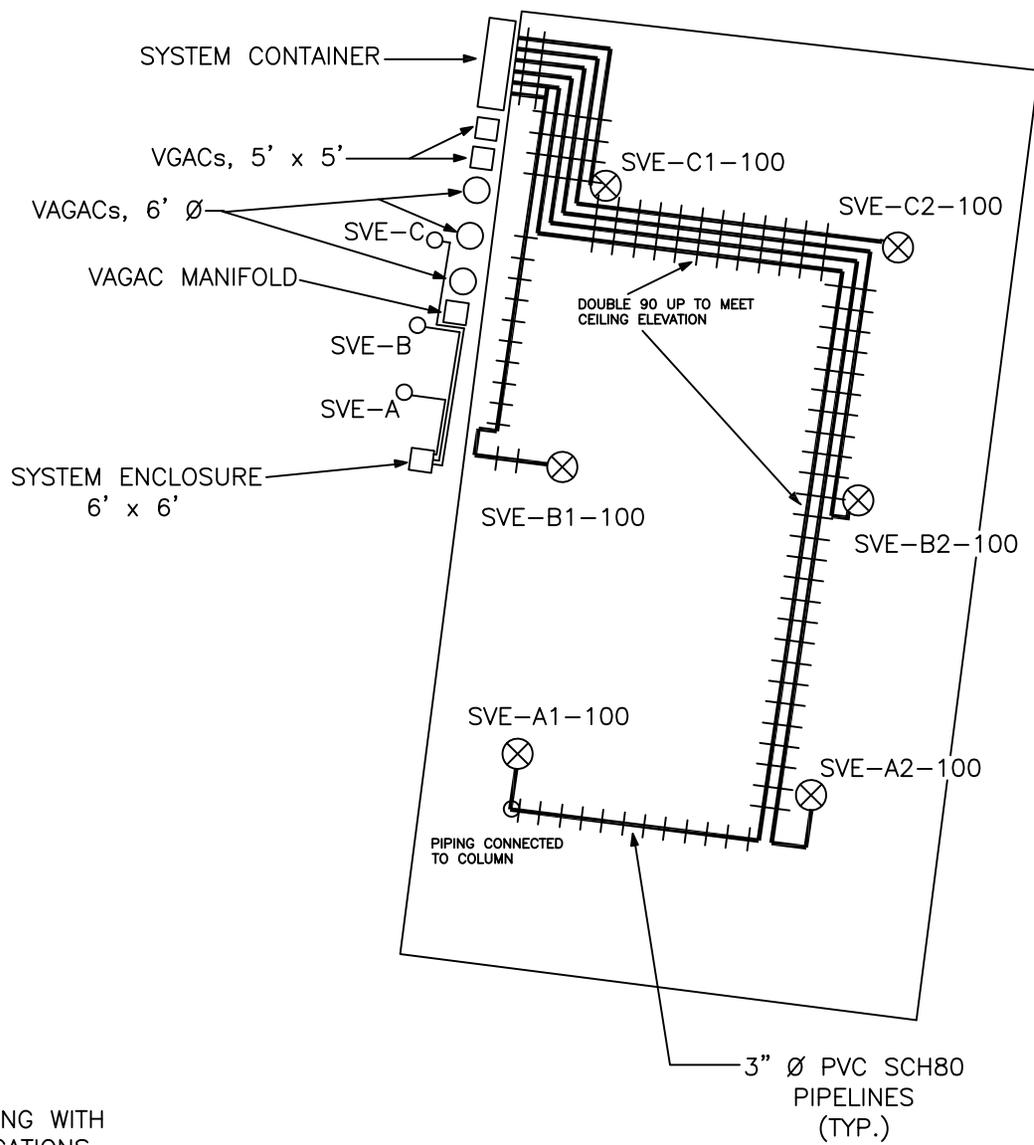
NYSDEC – OSER AVENUE  
100 OSER AVENUE  
HAUPPAUGE, NEW YORK

**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



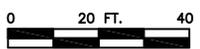
**LEGEND:**

⊗ SSD WELL

○ SVE WELL

++++ SYSTEM PIPING WITH HANGER LOCATIONS

3" Ø PVC SCH80 PIPELINES (TYP.)



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)

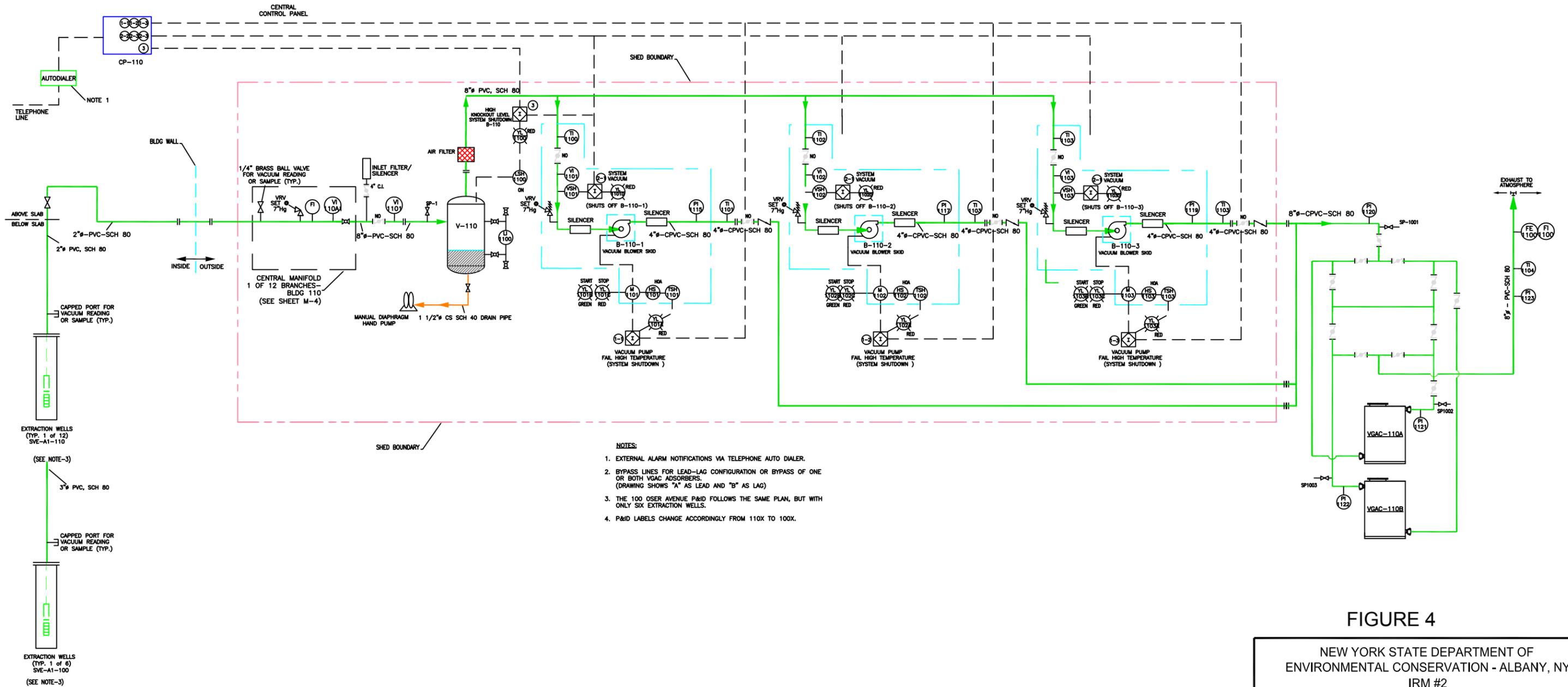
B-100-1, -2 AND -3  
(3) POSITIVE DISPLACEMENT BLOWERS  
240 CFM EACH @ 60" H<sub>2</sub>O VACUUM  
7.5 HP 230/460 3Ø PD BLOWER

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<sub>2</sub>O 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)



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



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



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**APPENDIX A: DAILY SYSTEM STATUS REPORTS**

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## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Tuesday, June 9, 2020 6:16 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/09/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.2	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.4	IWC			10.0	90.0	0.0	95.0

TEMP_1	82.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	106.0	DEG			8.0	150.0	0.0	160.0
TEMP_3	81.9	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

---

**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Wednesday, June 10, 2020 6:36 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:20:00 on 06/10/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.3	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.4	IWC			10.0	90.0	0.0	95.0

TEMP_1	85.8	DEG			40.0	150.0	30.0	160.0
TEMP_2	110.0	DEG			8.0	150.0	0.0	160.0
TEMP_3	85.9	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

---

**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Thursday, June 11, 2020 6:16 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/11/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	16.1	IWC			0.9	90.0	0.0	95.0
BL2VAC	17.2	IWC			10.0	90.0	0.0	95.0
BL3VAC	16.4	IWC			10.0	90.0	0.0	95.0

TEMP_1	87.0	DEG			40.0	150.0	30.0	160.0
TEMP_2	111.2	DEG			8.0	150.0	0.0	160.0
TEMP_3	86.9	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Friday, June 19, 2020 6:37 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:20:00 on 06/19/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	84.9	DEG			40.0	150.0	30.0	160.0
TEMP_2	84.6	DEG			8.0	150.0	0.0	160.0
TEMP_3	108.5	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Saturday, June 20, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/20/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	85.6	DEG			40.0	150.0	30.0	160.0
TEMP_2	85.2	DEG			8.0	150.0	0.0	160.0
TEMP_3	108.5	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Sunday, June 21, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/21/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	H
BL1VAC	16.1 --ProControl_Outer Content-Type: application/x-msexcel Content-Disposition: attachment; filename="analogin.csv"; Content-Description: attached csv file Content-Transfer-							

Encoding: 8bit

DATE/TIME,BL1VAC,BL2VAC,BL3VAC,TEMP\_1,TEMP\_2,TEMP\_3,  
06-20-2000 06:10:00,16.1 ,15.6 ,18.0 ,85.5 ,85.2 ,108.5 06-20-  
2000 06:20:00,16.1 ,15.6 ,17.9 ,85.5 ,85.2 ,108.7 06-20-2000  
06:30:00,16.1 ,15.6 ,17.9 ,85.6 ,85.2 ,108.6 06-20-2000  
06:40:00,16.1 ,15.6 ,18.0 ,85.4 ,85.1 ,108.6 06-20-2000  
06:50:00,16.1 ,15.6 ,18.0 ,85.5 ,85.1 ,108.7 06-20-2000  
07:00:00,16.0 ,15.5 ,17.9 ,85.5 ,85.1 ,108.7 06-20-2000  
07:10:00,16.1 ,15.6 ,18.0 ,85.4 ,85.1 ,108.8 06-20-2000  
07:20:00,16.1 ,15.6 ,17.9 ,85.5 ,85.1 ,109.0 06-20-2000  
07:30:00,16.1 ,15.6 ,18.0 ,85.5 ,85.0 ,109.0 06-20-2000  
07:40:00,16.1 ,15.6 ,17.9 ,85.5 ,85.1 ,109.3 06-20-2000  
07:50:00,16.1 ,15.6 ,17.9 ,85.5 ,85.2 ,109.3 06-20-2000  
08:00:00,16.1 ,15.6 ,17.9 ,85.5 ,85.2 ,109.5 06-20-2000  
08:10:00,16.1 ,15.6 ,17.9 ,85.7 ,85.2 ,109.8 06-20-2000  
08:20:00,16.1 ,15.6 ,17.9 ,85.7 ,85.3 ,109.9 06-20-2000  
08:30:00,16.1 ,15.6 ,17.9 ,85.8 ,85.4 ,110.3 06-20-2000  
08:40:00,16.1 ,15.6 ,17.9 ,85.9 ,85.5 ,110.4 06-20-2000  
08:50:00,16.1 ,15.6 ,18.0 ,86.0 ,85.7 ,110.6 06-20-2000  
09:00:00,16.1 ,15.6 ,17.9 ,86.1 ,85.8 ,111.1 06-20-2000  
09:10:00,16.0 ,15.6 ,17.9 ,86.4 ,86.0 ,111.2 06-20-2000  
09:20:00,16.0 ,15.6 ,17.9 ,86.5 ,86.1 ,111.5 06-20-2000  
09:30:00,16.1 ,15.6 ,17.9 ,86.7 ,86.2 ,111.9 06-20-2000  
09:40:00,16.0 ,15.6 ,18.0 ,86.9 ,86.4 ,112.2 06-20-2000  
09:50:00,16.0 ,15.6 ,18.1 ,87.1 ,86.5 ,112.3 06-20-2000  
10:00:00,16.0 ,15.6 ,17.9 ,87.2 ,86.7 ,112.8 06-20-2000  
10:10:00,16.0 ,15.5 ,17.9 ,87.4 ,86.9 ,112.9 06-20-2000  
10:20:00,16.0 ,15.5 ,17.9 ,87.5 ,87.1 ,113.1 06-20-2000  
10:30:00,16.0 ,15.5 ,18.0 ,87.7 ,87.2 ,113.5 06-20-2000  
10:40:00,16.0 ,15.6 ,17.9 ,87.9 ,87.4 ,113.6 06-20-2000  
10:50:00,16.0 ,15.5 ,17.9 ,88.0 ,87.5 ,113.8 06-20-2000  
11:00:00,16.0 ,15.5 ,17.8 ,88.2 ,87.7 ,114.2 06-20-2000  
11:10:00,15.9 ,15.5 ,17.9 ,88.3 ,87.9 ,114.3 06-20-2000  
11:20:00,16.0 ,15.5 ,17.9 ,88.4 ,88.0 ,114.7 06-20-2000  
11:30:00,15.9 ,15.5 ,17.9 ,88.6 ,88.2 ,115.1 06-20-2000  
11:40:00,15.9 ,15.5 ,17.9 ,88.9 ,88.4 ,115.3 06-20-2000  
11:50:00,16.0 ,15.5 ,17.9 ,89.1 ,88.6 ,115.6 06-20-2000  
12:00:00,16.0 ,15.5 ,17.9 ,89.3 ,88.8 ,116.1 06-20-2000  
12:10:00,15.9 ,15.5 ,18.0 ,89.5 ,89.0 ,116.2 06-20-2000  
12:20:00,16.0 ,15.5 ,17.9 ,89.6 ,89.2 ,116.5 06-20-2000  
12:30:00,15.9 ,15.5 ,17.9 ,89.9 ,89.5 ,117.0 06-20-2000  
12:40:00,15.9 ,15.5 ,17.9 ,90.1 ,89.8 ,117.2 06-20-2000  
12:50:00,15.9 ,15.5 ,17.9 ,90.4 ,90.0 ,117.5 06-20-2000  
13:00:00,15.9 ,15.5 ,17.9 ,90.5 ,90.2 ,118.2 06-20-2000  
13:10:00,15.9 ,15.4 ,17.8 ,90.8 ,90.4 ,118.5 06-20-2000  
13:20:00,15.9 ,15.4 ,17.8 ,91.0 ,90.7 ,118.7 06-20-2000  
13:30:00,15.9 ,15.4 ,17.8 ,91.1 ,91.0 ,119.0 06-20-2000  
13:40:00,15.9 ,15.4 ,17.7 ,91.3 ,91.3 ,119.5 06-20-2000  
13:50:00,15.9 ,15.4 ,17.9 ,91.6 ,91.5 ,119.8 06-20-2000  
14:00:00,15.8 ,15.4 ,17.9 ,91.8 ,91.6 ,120.0 06-20-2000  
14:10:00,15.8 ,15.4 ,17.9 ,91.9 ,91.9 ,120.2 06-20-2000

14:20:00,15.8 ,15.4 ,17.8 ,92.1 ,92.1 ,120.7 06-20-2000  
14:30:00,15.9 ,15.4 ,17.9 ,92.4 ,92.4 ,120.9 06-20-2000  
14:40:00,15.9 ,15.4 ,17.9 ,92.6 ,92.6 ,121.1 06-20-2000  
14:50:00,15.9 ,15.4 ,17.8 ,92.7 ,92.7 ,121.2 06-20-2000  
15:00:00,15.8 ,15.4 ,18.0 ,92.7 ,93.0 ,121.2 06-20-2000  
15:10:00,15.8 ,15.4 ,17.9 ,92.9 ,93.2 ,121.4 06-20-2000  
15:20:00,15.8 ,15.4 ,17.9 ,93.0 ,93.3 ,121.6 06-20-2000  
15:30:00,15.8 ,15.4 ,17.8 ,93.0 ,93.4 ,121.7 06-20-2000  
15:40:00,15.8 ,15.4 ,17.8 ,93.2 ,93.5 ,121.9 06-20-2000  
15:50:00,15.8 ,15.4 ,17.8 ,93.3 ,93.7 ,122.0 06-20-2000  
16:00:00,15.8 ,15.4 ,17.8 ,93.3 ,93.8 ,122.2 06-20-2000  
16:10:00,15.8 ,15.4 ,17.7 ,93.5 ,94.0 ,122.5 06-20-2000  
16:20:00,15.8 ,15.4 ,17.9 ,93.6 ,94.1 ,122.7 06-20-2000  
16:30:00,15.8 ,15.4 ,17.8 ,93.8 ,94.3 ,122.8 06-20-2000  
16:40:00,15.8 ,15.4 ,17.7 ,93.9 ,94.5 ,123.0 06-20-2000  
16:50:00,15.8 ,15.4 ,17.7 ,94.0 ,94.6 ,123.0 06-20-2000  
17:00:00,15.8 ,15.4 ,17.8 ,94.1 ,94.7 ,123.0 06-20-2000  
17:10:00,15.8 ,15.4 ,17.9 ,94.3 ,94.9 ,123.1 06-20-2000  
17:20:00,15.8 ,15.4 ,17.8 ,94.4 ,94.9 ,123.1 06-20-2000  
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17:40:00,15.8 ,15.4 ,17.8 ,94.5 ,95.2 ,122.8 06-20-2000  
17:50:00,15.8 ,15.4 ,17.9 ,94.5 ,95.2 ,122.5 06-20-2000  
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18:10:00,15.8 ,15.4 ,17.8 ,94.4 ,95.2 ,121.9 06-20-2000  
18:20:00,15.8 ,15.4 ,17.7 ,94.3 ,95.2 ,121.4 06-20-2000  
18:30:00,15.8 ,15.4 ,17.8 ,94.1 ,95.1 ,120.9 06-20-2000  
18:40:00,15.8 ,15.4 ,18.0 ,94.0 ,94.9 ,120.8 06-20-2000  
18:50:00,15.8 ,15.4 ,17.9 ,94.0 ,94.7 ,120.4 06-20-2000  
19:00:00,15.8 ,15.4 ,18.0 ,93.8 ,94.7 ,119.9 06-20-2000  
19:10:00,15.8 ,15.4 ,17.8 ,93.6 ,94.5 ,119.4 06-20-2000  
19:20:00,15.9 ,15.4 ,17.9 ,93.5 ,94.3 ,119.2 06-20-2000  
19:30:00,15.9 ,15.5 ,17.8 ,93.3 ,94.0 ,118.7 06-20-2000  
19:40:00,15.9 ,15.4 ,17.8 ,93.2 ,93.8 ,118.3 06-20-2000  
19:50:00,15.9 ,15.5 ,17.9 ,92.9 ,93.6 ,117.9 06-20-2000  
20:00:00,15.9 ,15.4 ,17.8 ,92.7 ,93.3 ,117.8 06-20-2000  
20:10:00,15.9 ,15.4 ,17.9 ,92.7 ,93.2 ,117.3 06-20-2000  
20:20:00,15.9 ,15.4 ,18.1 ,92.4 ,92.9 ,117.0 06-20-2000  
20:30:00,15.9 ,15.5 ,18.0 ,92.3 ,92.7 ,116.8 06-20-2000  
20:40:00,15.9 ,15.5 ,17.9 ,92.1 ,92.5 ,116.5 06-20-2000  
20:50:00,15.9 ,15.5 ,17.9 ,91.9 ,92.3 ,116.2 06-20-2000  
21:00:00,15.9 ,15.5 ,17.8 ,91.8 ,92.1 ,116.1 06-20-2000  
21:10:00,15.9 ,15.5 ,18.1 ,91.7 ,91.8 ,115.6 06-20-2000  
21:20:00,16.0 ,15.5 ,17.9 ,91.4 ,91.7 ,115.6 06-20-2000  
21:30:00,15.9 ,15.5 ,17.9 ,91.3 ,91.5 ,115.4 06-20-2000  
21:40:00,15.9 ,15.5 ,17.9 ,91.1 ,91.3 ,115.1 06-20-2000  
21:50:00,15.9 ,15.5 ,18.0 ,91.0 ,91.1 ,115.0 06-20-2000  
22:00:00,15.9 ,15.5 ,17.8 ,90.9 ,91.0 ,114.7 06-20-2000  
22:10:00,16.0 ,15.5 ,17.8 ,90.7 ,90.8 ,114.5 06-20-2000  
22:20:00,16.0 ,15.5 ,17.9 ,90.6 ,90.7 ,114.6 06-20-2000  
22:30:00,16.0 ,15.5 ,17.9 ,90.5 ,90.5 ,114.3 06-20-2000  
22:40:00,16.0 ,15.5 ,18.0 ,90.4 ,90.3 ,114.2 06-20-2000

22:50:00,15.9 ,15.5 ,17.8 ,90.2 ,90.2 ,114.1 06-20-2000  
23:00:00,15.9 ,15.5 ,17.9 ,90.1 ,90.0 ,113.8 06-20-2000  
23:10:00,16.0 ,15.5 ,17.9 ,89.9 ,89.9 ,113.7 06-20-2000  
23:20:00,15.9 ,15.5 ,17.8 ,89.9 ,89.8 ,113.6 06-20-2000  
23:30:00,15.9 ,15.5 ,17.8 ,89.7 ,89.6 ,113.4 06-20-2000  
23:40:00,16.0 ,15.5 ,17.9 ,89.6 ,89.6 ,113.4 06-20-2000  
23:50:00,15.9 ,15.5 ,17.9 ,89.5 ,89.4 ,113.2 06-21-2000  
00:00:00,16.0 ,15.5 ,17.9 ,89.3 ,89.3 ,113.0 06-21-2000  
00:10:00,16.0 ,15.5 ,18.0 ,89.3 ,89.1 ,113.0 06-21-2000  
00:20:00,15.9 ,15.5 ,17.9 ,89.3 ,89.1 ,112.9 06-21-2000  
00:30:00,16.0 ,15.5 ,17.9 ,89.2 ,88.9 ,112.5 06-21-2000  
00:40:00,16.0 ,15.5 ,17.8 ,89.1 ,88.9 ,112.5 06-21-2000  
00:50:00,16.0 ,15.5 ,17.9 ,89.0 ,88.8 ,112.5 06-21-2000  
01:00:00,16.0 ,15.5 ,18.0 ,89.0 ,88.7 ,112.2 06-21-2000  
01:10:00,16.0 ,15.5 ,17.9 ,88.8 ,88.6 ,112.1 06-21-2000  
01:20:00,16.0 ,15.5 ,17.9 ,88.8 ,88.6 ,112.1 06-21-2000  
01:30:00,16.0 ,15.5 ,17.8 ,88.7 ,88.5 ,111.9 06-21-2000  
01:40:00,16.0 ,15.5 ,18.0 ,88.6 ,88.3 ,111.7 06-21-2000  
01:50:00,16.0 ,15.5 ,17.9 ,88.5 ,88.3 ,111.7 06-21-2000  
02:00:00,16.1 ,15.5 ,18.0 ,88.5 ,88.3 ,111.8 06-21-2000  
02:10:00,16.0 ,15.5 ,18.1 ,88.4 ,88.2 ,111.5 06-21-2000  
02:20:00,16.0 ,15.5 ,17.9 ,88.3 ,88.0 ,111.4 06-21-2000  
02:30:00,16.0 ,15.6 ,17.8 ,88.3 ,88.0 ,111.5 06-21-2000  
02:40:00,16.0 ,15.5 ,18.1 ,88.2 ,87.9 ,111.1 06-21-2000  
02:50:00,16.0 ,15.5 ,18.1 ,88.0 ,87.7 ,110.9 06-21-2000  
03:00:00,16.0 ,15.6 ,17.8 ,87.9 ,87.7 ,111.0 06-21-2000  
03:10:00,16.0 ,15.6 ,17.9 ,87.9 ,87.6 ,110.7 06-21-2000  
03:20:00,16.0 ,15.5 ,17.9 ,87.7 ,87.4 ,110.6 06-21-2000  
03:30:00,16.0 ,15.5 ,17.9 ,87.7 ,87.4 ,110.6 06-21-2000  
03:40:00,16.0 ,15.5 ,17.9 ,87.5 ,87.2 ,110.4 06-21-2000  
03:50:00,16.0 ,15.5 ,17.9 ,87.4 ,87.2 ,110.4 06-21-2000  
04:00:00,16.0 ,15.5 ,17.9 ,87.4 ,87.1 ,110.1 06-21-2000  
04:10:00,16.0 ,15.6 ,17.9 ,87.2 ,87.1 ,110.1 06-21-2000  
04:20:00,16.0 ,15.6 ,17.9 ,87.2 ,87.1 ,110.2 06-21-2000  
04:30:00,16.0 ,15.6 ,17.8 ,87.2 ,87.0 ,110.0 06-21-2000  
04:40:00,16.1 ,15.6 ,17.9 ,87.1 ,86.8 ,109.9 06-21-2000  
04:50:00,16.1 ,15.6 ,18.0 ,87.1 ,86.8 ,110.0 06-21-2000  
05:00:00,16.1 ,15.6 ,18.0 ,87.0 ,86.8 ,109.8 06-21-2000  
05:10:00,16.1 ,15.6 ,18.0 ,86.9 ,86.6 ,109.7 06-21-2000  
05:20:00,16.1 ,15.6 ,17.9 ,86.9 ,86.6 ,109.8 06-21-2000  
05:30:00,16.0 ,15.6 ,18.0 ,86.8 ,86.5 ,109.6 06-21-2000  
05:40:00,16.1 ,15.6 ,17.9 ,86.8 ,86.4 ,109.5 06-21-2000  
05:50:00,16.1 ,15.6 ,18.1 ,86.6 ,86.4 ,109.5 06-21-2000  
06:00:00,16.1 ,15.6 ,18.1 ,86.7 ,86.4 ,109.5

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Monday, June 22, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/22/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	87.4	DEG			40.0	150.0	30.0	160.0
TEMP_2	87.2	DEG			8.0	150.0	0.0	160.0
TEMP_3	110.3	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Tuesday, June 23, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/23/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	17.8	IWC			10.0	90.0	0.0	95.0

TEMP_1	88.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	88.0	DEG			8.0	150.0	0.0	160.0
TEMP_3	111.1	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Thursday, June 25, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/25/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

DISCRETE INPUT STATUS:							
<i>Tagname</i>	<i>State</i>	<i>Tagname</i>	<i>State</i>	<i>Tagname</i>	<i>State</i>	<i>Tagname</i>	<i>State</i>
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:							
<i>Tagname</i>	<i>State</i>	<i>Tagname</i>	<i>State</i>	<i>Tagname</i>	<i>State</i>	<i>Tagname</i>	<i>State</i>
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:								
<i>Tagname</i>	<i>Value</i>	<i>Units</i>	<i>Totalizer</i>	<i>Total Units</i>	<i>Alarm Setpoints</i>			
					<i>Low</i>	<i>High</i>	<i>Low-Low</i>	<i>High-High</i>
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	87.9	DEG			40.0	150.0	30.0	160.0
TEMP_2	87.5	DEG			8.0	150.0	0.0	160.0
TEMP_3	110.7	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Friday, June 26, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/26/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	87.8	DEG			40.0	150.0	30.0	160.0
TEMP_2	87.4	DEG			8.0	150.0	0.0	160.0
TEMP_3	110.1	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Saturday, June 27, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/27/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	87.0	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.7	DEG			8.0	150.0	0.0	160.0
TEMP_3	109.6	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Sunday, June 28, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/28/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	87.2	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.7	DEG			8.0	150.0	0.0	160.0
TEMP_3	110.3	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Monday, June 29, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/29/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	86.9	DEG			40.0	150.0	30.0	160.0
TEMP_2	86.5	DEG			8.0	150.0	0.0	160.0
TEMP_3	109.7	DEG			40.0	150.0	30.0	160.0

## Hofmann, Ian

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**From:** The ENVIROTRAC LTD system {#8339} in NYSDEC 100 OSER <procontrol@eosresearch.com>  
<procontrol@eosresearch.com>  
**Sent:** Tuesday, June 30, 2020 6:17 AM  
**To:** Hofmann, Ian  
**Subject:** ProControl Status Report with Logged Data  
**Attachments:** attached csv file.csv; attached csv file.csv; attached csv file.csv

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

Email generated from WAN IP address: 166.151.14.226

Both HTML and plain text reports are attached. Enable plain text alternative mode to view only text.

Status generated at 06:00:00 on 06/30/2000

This system uses ROM version 2.231 and is a MODEL B1.

The system is currently in AUTO mode and the last process to run was AUTO process #07.

This system has never shut down before.

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	85.6	DEG			40.0	150.0	30.0	160.0
TEMP_2	85.0	DEG			8.0	150.0	0.0	160.0
TEMP_3	108.2	DEG			40.0	150.0	30.0	160.0