Impact Environmental Engineering Geology, PLLC
170 Keyland Court| Bohemia| NY | 11716 | 631.269.8800 welcome to solid ground…
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DAILY STATUS REPORT #19

Prepared By: Marius Sidlauskas

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

IEC Project No:	15514	**NYSDEC BCP Site No**:	C360211	**Date**:	10/31/2022
Project:	60 McLean Avenue, Yonkers, NY				

Consultant:	**Personnel On Site:**
Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 7:00 Time Out: 1:15	Environmental Supervisor – Marius Sidlauskas (IEEG) Foreman – Javier Velasquez (SNL Construction) Demo Contractor – Frank Mazzurco (D-Best Industries)

Scope of Work:

- Demolition of rear slab on second floor interior, air monitoring of dust and VOC's particles. Building walls will remain intact during rehabilitation work.
- Removal and offsite transport of slab rubble, to facilitate installation of new slab and bracing.

Site Activities:

- Excavation of slab cleared area on first floor (4-5ft deep), partially backfilled at the end of day.

Community Air Monitoring Program (CAMP)

- IEEG implemented work zone air monitoring during ground intrusive activities. Work zone monitoring equipment consisted of two (2) stations equipped with a DustTrak and PID positioned upwind and downwind of the work area.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit at the work zone air monitoring stations.
- 0.067 (upwind) 0.057 (downwind) **mg/m³**, PID: 0.0 (up/down) prestart conditions.
- Upwind Dust Data ranged from 0.015 mg/m3 to 0.075 mg/m3.
- Downwind Dust Data ranged from 0.013 mg/m3 to 0.059 mg/m3.
- Upwind and downwind PID data ranged from 0.0 ppm to 0.0 ppm.
- No visible dust was observed during activities.

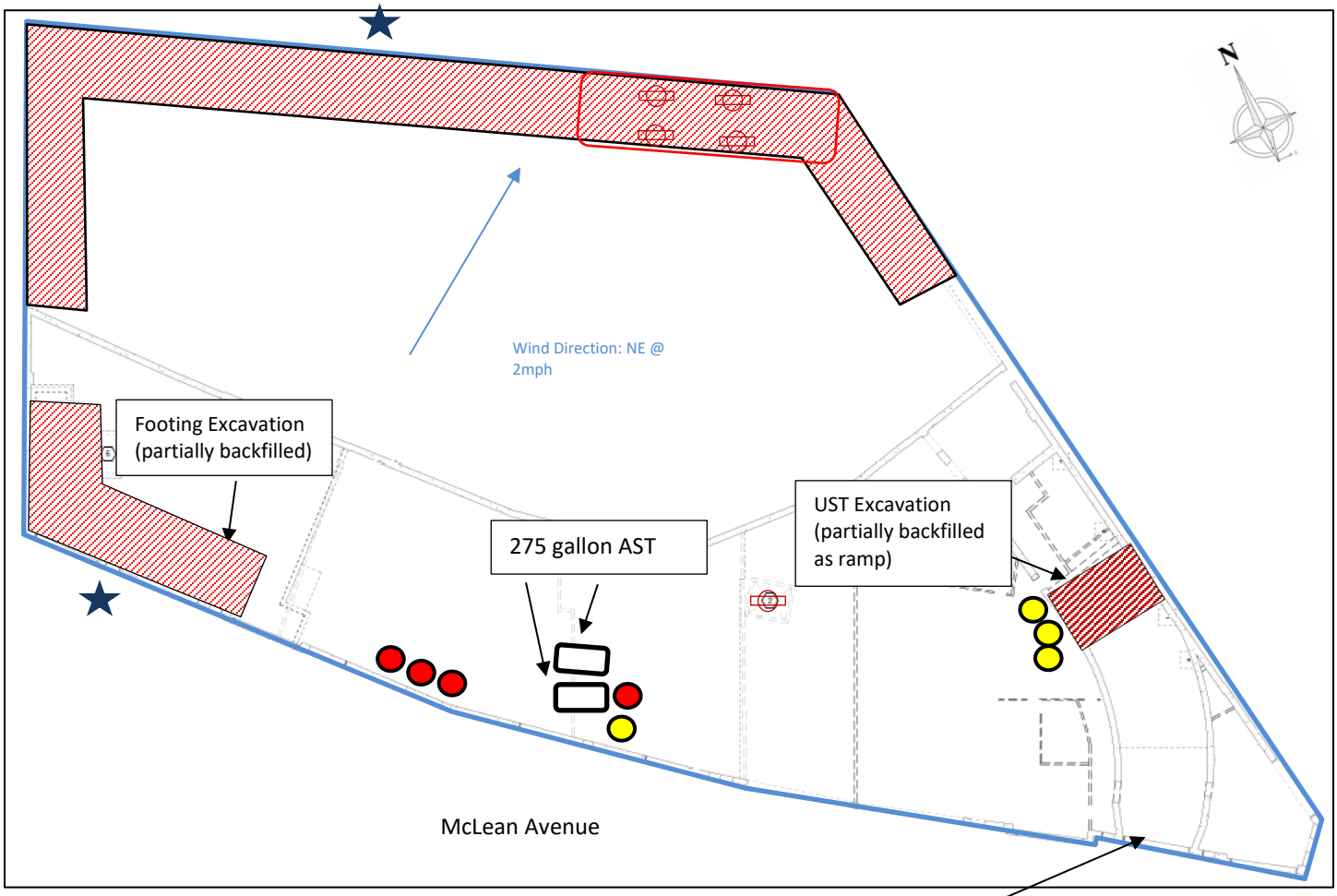
Miscellaneous Items or Problem Encountered:

- No visible dust was observed during activities.

Planned Activities for the Next Day:

- Excavation of area previously demolished sub slab (1st floor).
- Pouring concrete in excavated area (footings).

Site Activity Map



- CAMP Station
- Property Boundary
- Work Area / Slab Broken Up (removed)
- PID Screening Point
- Over-Excavated area
- Piston
- Hydraulic oil (2), Waste oil (1) and spent absorbent (1) Drums
- Pumped Drums (not yet removed)

Photo Log

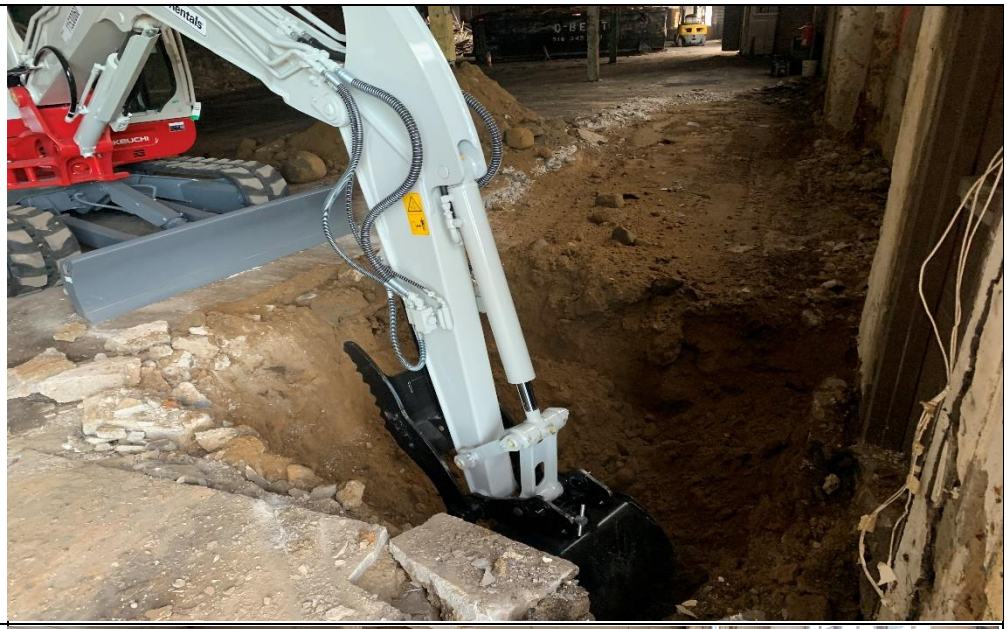
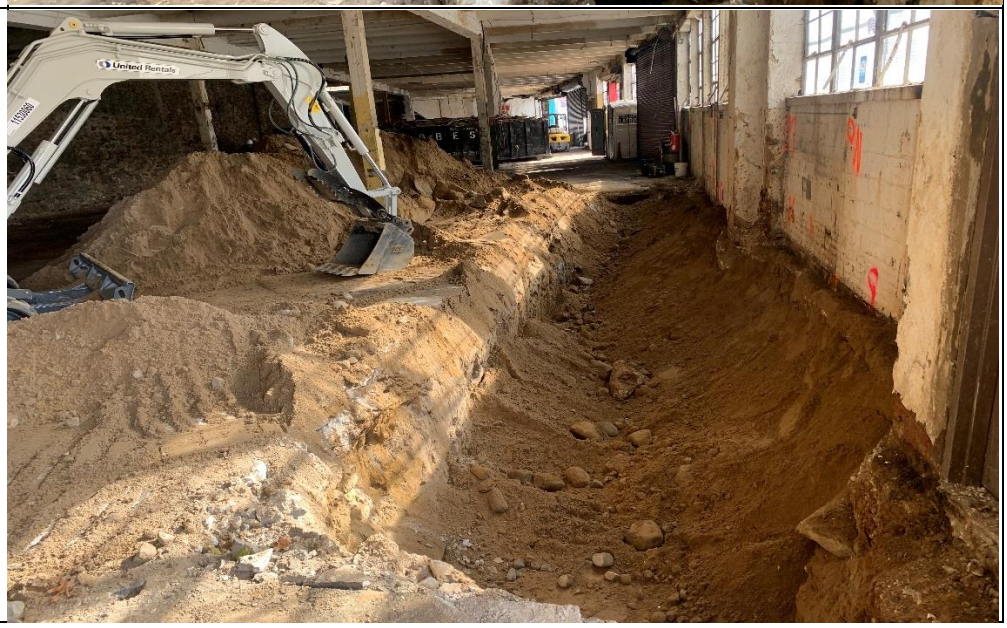
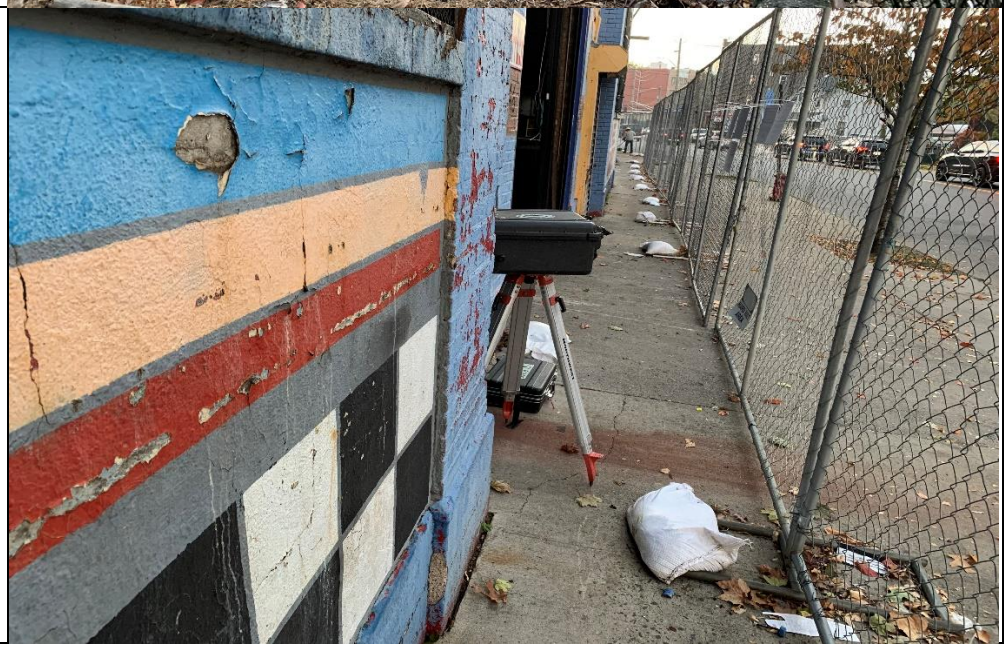
Photo 1 – View of excavation by Southern side wall (1st floor)	
Photo 2 – View of partial backfilling of excavation at the end of day	

Photo 3 – Down wind CAMP unit station	
Photo 4 – Up wind CAMP unit station	

IMPACT ENVIRONMENTAL 170 Keyland Court| Bohemia| NY | 11716 | 631.269.8800
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Dust and Volatile Organic Vapor Monitoring

Project:	60 McLean Avenue Yonkers, NY	Job No.:	15514
Location:		On-site Personnel:	MS
Day & Date:	10/31/2022	Weather:	

	AM	PM		
Wind Direction	2 mph NE		Sample Interval:	15 minutes
Temperature Range:		°F	Background Reading (particulates)	**0.057 mg/m³**
			Background Reading (organic vapors) **ppm**	0.0
Calibration Dates:	Particulate Meters:		Photoionization Detector:	
Action Level/Response:	Organic vapors: > 5ppm above background levels/ 15 minute readings			
	Particulates: 0.100 mg/m³ above up wind reading/15 minute period			

Time	Particulate levels: UPWIND (mg/m³)	Particulate levels: DOWNWIND (mg/m³)	ORGANIC VAPOR LEVELS (ppm)	NOTES
0700	0.057	0.067	0.0	Activity Begins
0715	0.050	0.067	0.0	
0730	0.044	0.055	0.0	
0745	0.043	0.052	0.0	
0800	0.045	0.058	0.0	
0815	0.047	0.055	0.0	
0830	0.033	0.051	0.0	
0845	0.036	0.057	0.0	
0900	0.035	0.062	0.0	
0915	0.033	0.061	0.0	
0930	0.025	0.053	0.0	
0945	0.024	0.050	0.0	
1000	0.024	0.041	0.0	
1015	0.020	0.035	0.0	
1030	0.013	0.023	0.0	
1045	0.015	0.027	0.0	
1100	0.015	0.025	0.0	
1115	0.017	0.030	0.0	

Project: 0.035

Location: Day & Date:

Time	Particulate levels:		ORGANCI VAPOR LEVELS	NOTES
	UPWIND (mg/m^3)	DOWNWIND (mg/m^3)	(ppm)	
1215	0.016	0.019	0.0	
1230	0.015	0.015	0.0	
1245	0.016	0.018	0.0	
1300	0.018	0.020	0.0	Slab Demo/Excavations End
1315				
1330				
1345				
1400				
1415				
1430				
1445				
1500				
1515				
1530				
1545				
1600				
1615				
1630				
1645				
1700				

Dust Downwind
10-25-2022

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530124902
Firmware Version	3.1
Calibration Date	5/25/2022
Test Name	MANUAL_018
Test Start Time	8:33:30 AM
Test Start Date	10/25/2022
Test Length [D:H:M]	0:04:17
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.047
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.271
Mass TWA [mg/m3]	0.025
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	257

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.087		
120	0.05		
180	0.206		
240	0.122		
300	0.053		
360	0.063		
420	0.047		
480	0.103		
540	0.235		
600	0.103		
660	0.079		
720	0.212		
780	0.271		
840	0.066		
900	0.074		
960	0.085		
1020	0.1		
1080	0.091		
1140	0.146		
1200	0.043		
1260	0.16		
1320	0.093		
1380	0.091		
1440	0.116		
1500	0.097		
1560	0.093		
1620	0.12		

Dust Downwind
10-25-2022

1680	0.104
1740	0.103
1800	0.043
1860	0.044
1920	0.083
1980	0.086
2040	0.074
2100	0.043
2160	0.064
2220	0.062
2280	0.115
2340	0.108
2400	0.034
2460	0.026
2520	0.035
2580	0.026
2640	0.024
2700	0.045
2760	0.042
2820	0.081
2880	0.09
2940	0.073
3000	0.038
3060	0.037
3120	0.033
3180	0.02
3240	0.034
3300	0.026
3360	0.031
3420	0.022
3480	0.018
3540	0.018
3600	0.018
3660	0.021
3720	0.064
3780	0.114
3840	0.072
3900	0.061
3960	0.029
4020	0.032
4080	0.127
4140	0.166
4200	0.1
4260	0.038
4320	0.032
4380	0.083
4440	0.176

Dust Downwind
10-25-2022

4500	0.07
4560	0.022
4620	0.062
4680	0.028
4740	0.058
4800	0.047
4860	0.064
4920	0.029
4980	0.043
5040	0.031
5100	0.053
5160	0.032
5220	0.033
5280	0.023
5340	0.025
5400	0.035
5460	0.086
5520	0.073
5580	0.047
5640	0.034
5700	0.03
5760	0.037
5820	0.034
5880	0.022
5940	0.037
6000	0.033
6060	0.027
6120	0.037
6180	0.023
6240	0.029
6300	0.026
6360	0.034
6420	0.025
6480	0.029
6540	0.028
6600	0.025
6660	0.023
6720	0.025
6780	0.027
6840	0.024
6900	0.022
6960	0.024
7020	0.021
7080	0.022
7140	0.022
7200	0.023
7260	0.022

Dust Downwind
10-25-2022

7320	0.022
7380	0.023
7440	0.024
7500	0.025
7560	0.023
7620	0.024
7680	0.023
7740	0.026
7800	0.023
7860	0.024
7920	0.023
7980	0.043
8040	0.037
8100	0.026
8160	0.03
8220	0.029
8280	0.026
8340	0.03
8400	0.033
8460	0.035
8520	0.026
8580	0.028
8640	0.028
8700	0.026
8760	0.026
8820	0.026
8880	0.027
8940	0.025
9000	0.026
9060	0.026
9120	0.026
9180	0.026
9240	0.027
9300	0.026
9360	0.027
9420	0.03
9480	0.027
9540	0.026
9600	0.027
9660	0.025
9720	0.025
9780	0.025
9840	0.026
9900	0.026
9960	0.026
10020	0.026
10080	0.027

Dust Downwind
10-25-2022

10140	0.027
10200	0.035
10260	0.026
10320	0.026
10380	0.026
10440	0.026
10500	0.026
10560	0.028
10620	0.029
10680	0.027
10740	0.028
10800	0.029
10860	0.029
10920	0.03
10980	0.028
11040	0.028
11100	0.028
11160	0.028
11220	0.03
11280	0.029
11340	0.03
11400	0.028
11460	0.029
11520	0.029
11580	0.029
11640	0.03
11700	0.03
11760	0.076
11820	0.041
11880	0.037
11940	0.042
12000	0.058
12060	0.099
12120	0.078
12180	0.161
12240	0.064
12300	0.068
12360	0.264
12420	0.064
12480	0.035
12540	0.038
12600	0.031
12660	0.033
12720	0.038
12780	0.035
12840	0.036
12900	0.035

Dust Downwind
10-25-2022

12960	0.035
13020	0.032
13080	0.032
13140	0.031
13200	0.031
13260	0.031
13320	0.031
13380	0.031
13440	0.031
13500	0.031
13560	0.031
13620	0.031
13680	0.031
13740	0.031
13800	0.031
13860	0.031
13920	0.035
13980	0.032
14040	0.033
14100	0.031
14160	0.032
14220	0.031
14280	0.032
14340	0.031
14400	0.033
14460	0.032
14520	0.032
14580	0.032
14640	0.033
14700	0.034
14760	0.033
14820	0.033
14880	0.033
14940	0.033
15000	0.034
15060	0.034
15120	0.034
15180	0.033
15240	0.034
15300	0.033
15360	0.035
15420	0.035

Dust Upwind
10-25-2022

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162403
Firmware Version	3.1
Calibration Date	4/29/2022
Test Name	MANUAL_019
Test Start Time	8:28:06 AM
Test Start Date	10/25/2022
Test Length [D:H:M]	0:04:46
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.031
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.162
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	286

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.031		
120	0.028		
180	0.038		
240	0.044		
300	0.062		
360	0.061		
420	0.076		
480	0.078		
540	0.082		
600	0.087		
660	0.116		
720	0.105		
780	0.162		
840	0.106		
900	0.09		
960	0.089		
1020	0.084		
1080	0.082		
1140	0.082		
1200	0.081		
1260	0.076		
1320	0.071		
1380	0.069		
1440	0.069		
1500	0.067		
1560	0.055		
1620	0.051		

Dust Upwind
10-25-2022

1680	0.046
1740	0.042
1800	0.041
1860	0.041
1920	0.04
1980	0.034
2040	0.031
2100	0.029
2160	0.028
2220	0.028
2280	0.026
2340	0.025
2400	0.026
2460	0.025
2520	0.023
2580	0.023
2640	0.022
2700	0.022
2760	0.022
2820	0.022
2880	0.022
2940	0.022
3000	0.022
3060	0.024
3120	0.023
3180	0.023
3240	0.022
3300	0.023
3360	0.021
3420	0.021
3480	0.021
3540	0.021
3600	0.021
3660	0.022
3720	0.021
3780	0.02
3840	0.021
3900	0.02
3960	0.02
4020	0.019
4080	0.021
4140	0.021
4200	0.021
4260	0.02
4320	0.019
4380	0.019
4440	0.019

Dust Upwind
10-25-2022

4500	0.018
4560	0.02
4620	0.02
4680	0.02
4740	0.021
4800	0.02
4860	0.02
4920	0.02
4980	0.019
5040	0.021
5100	0.02
5160	0.021
5220	0.02
5280	0.021
5340	0.021
5400	0.021
5460	0.02
5520	0.02
5580	0.02
5640	0.02
5700	0.02
5760	0.02
5820	0.02
5880	0.02
5940	0.02
6000	0.02
6060	0.02
6120	0.02
6180	0.02
6240	0.02
6300	0.02
6360	0.02
6420	0.02
6480	0.021
6540	0.02
6600	0.021
6660	0.021
6720	0.022
6780	0.022
6840	0.021
6900	0.021
6960	0.021
7020	0.021
7080	0.021
7140	0.022
7200	0.021
7260	0.021

Dust Upwind
10-25-2022

7320	0.022
7380	0.021
7440	0.022
7500	0.022
7560	0.021
7620	0.021
7680	0.021
7740	0.021
7800	0.022
7860	0.021
7920	0.022
7980	0.021
8040	0.022
8100	0.022
8160	0.022
8220	0.022
8280	0.022
8340	0.024
8400	0.023
8460	0.022
8520	0.024
8580	0.023
8640	0.024
8700	0.023
8760	0.024
8820	0.024
8880	0.023
8940	0.023
9000	0.025
9060	0.024
9120	0.023
9180	0.024
9240	0.024
9300	0.024
9360	0.025
9420	0.025
9480	0.025
9540	0.024
9600	0.024
9660	0.024
9720	0.025
9780	0.025
9840	0.025
9900	0.025
9960	0.025
10020	0.025
10080	0.026

Dust Upwind
10-25-2022

10140	0.026
10200	0.025
10260	0.026
10320	0.026
10380	0.026
10440	0.025
10500	0.025
10560	0.025
10620	0.025
10680	0.026
10740	0.026
10800	0.025
10860	0.027
10920	0.026
10980	0.026
11040	0.027
11100	0.026
11160	0.027
11220	0.027
11280	0.027
11340	0.026
11400	0.027
11460	0.028
11520	0.028
11580	0.027
11640	0.027
11700	0.028
11760	0.027
11820	0.028
11880	0.028
11940	0.03
12000	0.029
12060	0.03
12120	0.029
12180	0.029
12240	0.028
12300	0.028
12360	0.028
12420	0.029
12480	0.027
12540	0.028
12600	0.028
12660	0.027
12720	0.028
12780	0.028
12840	0.028
12900	0.028

Dust Upwind
10-25-2022

12960	0.028
13020	0.03
13080	0.029
13140	0.029
13200	0.028
13260	0.029
13320	0.029
13380	0.029
13440	0.03
13500	0.03
13560	0.03
13620	0.031
13680	0.031
13740	0.031
13800	0.031
13860	0.031
13920	0.031
13980	0.031
14040	0.031
14100	0.031
14160	0.031
14220	0.03
14280	0.031
14340	0.031
14400	0.03
14460	0.031
14520	0.032
14580	0.031
14640	0.03
14700	0.021
14760	0.023
14820	0.03
14880	0.032
14940	0.031
15000	0.031
15060	0.032
15120	0.032
15180	0.033
15240	0.036
15300	0.033
15360	0.033
15420	0.033
15480	0.033
15540	0.033
15600	0.032
15660	0.032
15720	0.033

Dust Upwind
10-25-2022

15780	0.033
15840	0.033
15900	0.032
15960	0.032
16020	0.034
16080	0.035
16140	0.033
16200	0.031
16260	0.031
16320	0.032
16380	0.033
16440	0.033
16500	0.034
16560	0.033
16620	0.032
16680	0.031
16740	0.032
16800	0.031
16860	0.031
16920	0.031
16980	0.031
17040	0.031
17100	0.03
17160	0.03

PID Downwind

10-25-2022

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 Ty	Sensor 1 Di	Sensor 1 Se	Sensor 1 St	Sensor 1 G	Sensor 1 A	Sensor 1 M	Sensor 1 M	Sensor 1 ST	Sensor 1 TV	Sensor 1 La	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 Hi	Sensor 1 Lo	Sensor 1 ST	Sensor 1 TV
592-92719	10/25/2022 13:21	Readings		PID		SC2303027	Normal	0.4	0.4	0.5	0.4	0.8	0.2							
592-92719	10/25/2022 13:06	Readings		PID		SC2303027	Normal	0.4	0.4	0.4	0.4	0.8	0.2							
592-92719	10/25/2022 12:51	Readings		PID		SC2303027	Normal	0.4	0.4	0.4	0.3	0.8	0.2							
592-92719	10/25/2022 12:36	Readings		PID		SC2303027	Normal	0.4	0.4	0.4	0.3	0.8	0.1							
592-92719	10/25/2022 12:21	Readings		PID		SC2303027	Normal	0.4	0.4	0.4	0.3	0.7	0.1							
592-92719	10/25/2022 12:06	Readings		PID		SC2303027	Normal	0.3	0.3	0.4	0.3	0.6	0.1							
592-92719	10/25/2022 11:51	Readings		PID		SC2303027	Normal	0.3	0.3	0.4	0.2	0.6	0.1							
592-92719	10/25/2022 11:36	Readings		PID		SC2303027	Normal	0.3	0.4	0.4	0.2	0.7	0.1							
592-92719	10/25/2022 11:21	Readings		PID		SC2303027	Normal	0.4	0.4	0.5	0.3	0.8	0.1							
592-92719	10/25/2022 11:06	Readings		PID		SC2303027	Normal	0.4	0.4	0.5	0.3	0.8	0.1							
592-92719	10/25/2022 10:51	Readings		PID		SC2303027	Normal	0.4	0.4	0.4	0.3	0.7	0.1							
592-92719	10/25/2022 10:36	Readings		PID		SC2303027	Normal	0.3	0.3	0.4	0.2	0.6	0.1							
592-92719	10/25/2022 10:21	Readings		PID		SC2303027	Normal	0.3	0.3	0.3	0.2	0.5	0							
592-92719	10/25/2022 10:06	Readings		PID		SC2303027	Normal	0.2	0.3	0.3	0.2	0.5	0							
592-92719	10/25/2022 9:51	Readings		PID		SC2303027	Normal	0.3	0.3	0.3	0.2	0.5	0							
592-92719	10/25/2022 9:36	Readings		PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.4	0							
592-92719	10/25/2022 9:21	Readings		PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.4	0							
592-92719	10/25/2022 9:06	Readings		PID		SC2303027	Normal	0.2	0.2	0.2	0.1	0.3	0							
592-92719	10/25/2022 8:51	Readings		PID		SC2303027	Normal	0.1	0	0.1	0	0.1	0							
592-92719	10/25/2022 8:36	CONFIG	900	PID	ppm	SC23030277W3								########	100	1000	100	50	100	50

PID Downwind
10-25-2022

Sensor 1 O	Sensor 1 M	Sensor 1 Cc	Unit Status	Running M	Log Start T	Diagnostic	Stop Reaso	User Id	Site Id	Record Nur	Session Sta	Session Sto	Firmware Version
15000	Isobutylene	1	Hygiene M	Auto	Normal Mc	Power Dow	USER0000	SITE0000		19	########	########	V2.22

PID Upwind
10-25-2022

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 Ty	Sensor 1 Di	Sensor 1 Se	Sensor 1 St	Sensor 1 G	Sensor 1 Av	Sensor 1 M	Sensor 1 M	Sensor 1 ST	Sensor 1 TV	Sensor 1 Last	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 Hi	Sensor 1 Lo	Sensor 1 ST
592-91915	10/25/2022 13:23	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 13:08	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 12:53	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 12:38	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 12:23	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 12:08	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 11:53	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 11:38	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 11:23	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 11:08	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 10:53	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 10:38	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 10:23	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 10:08	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 9:53	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 9:38	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 9:23	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 9:08	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 8:53	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 8:38	Readings		PID		SC2303002	Normal	0	0	0	0	0	0						
592-91915	10/25/2022 8:23	CONFIG	900	PID	ppm	SC23030028U4								9/29/2022	100	1000	100	50	25

PID Upwind
10-25-2022

Sensor 1 T\	Sensor 1 O	Sensor 1 M	Sensor 1 C	Unit Status	Running M	Log Start T\	Diagnostic	Stop Reaso	User Id	Site Id	Record Nur	Session Sta	Session Sto	Firmware Version
10	15000	Isobutylene	1		Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	20	########	########	V2.22A

Dust Downwind
10-27-2022

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530124902
Firmware Version	3.1
Calibration Date	5/25/2022
Test Name	MANUAL_020
Test Start Time	7:22:40 AM
Test Start Date	10/27/2022
Test Length [D:H:M]	0:04:43
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.081
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	283

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.081		
120	0.049		
180	0.049		
240	0.033		
300	0.029		
360	0.018		
420	0.018		
480	0.011		
540	0.01		
600	0.011		
660	0.01		
720	0.008		
780	0.009		
840	0.007		
900	0.008		
960	0.009		
1020	0.007		
1080	0.008		
1140	0.008		
1200	0.005		
1260	0.006		
1320	0.007		
1380	0.008		
1440	0.009		
1500	0.009		
1560	0.009		
1620	0.011		

Dust Downwind
10-27-2022

1680	0.009
1740	0.011
1800	0.008
1860	0.021
1920	0.009
1980	0.014
2040	0.013
2100	0.017
2160	0.018
2220	0.016
2280	0.018
2340	0.03
2400	0.042
2460	0.031
2520	0.007
2580	0.01
2640	0.014
2700	0.011
2760	0.012
2820	0.013
2880	0.009
2940	0.006
3000	0.009
3060	0.012
3120	0.007
3180	0.004
3240	0.005
3300	0.003
3360	0.008
3420	0.007
3480	0.006
3540	0.007
3600	0.011
3660	0.01
3720	0.005
3780	0.008
3840	0.009
3900	0.009
3960	0.039
4020	0.027
4080	0.015
4140	0.022
4200	0.007
4260	0.006
4320	0.009
4380	0.013
4440	0.015

Dust Downwind
10-27-2022

4500	0.012
4560	0.01
4620	0.007
4680	0.008
4740	0.007
4800	0.016
4860	0.016
4920	0.007
4980	0.006
5040	0.016
5100	0.022
5160	0.029
5220	0.011
5280	0.009
5340	0.004
5400	0.011
5460	0.011
5520	0.006
5580	0.007
5640	0.005
5700	0.007
5760	0.007
5820	0.012
5880	0.004
5940	0.005
6000	0.004
6060	0.006
6120	0.006
6180	0.006
6240	0.004
6300	0.004
6360	0.005
6420	0.008
6480	0.012
6540	0.005
6600	0.007
6660	0.005
6720	0.004
6780	0.005
6840	0.005
6900	0.004
6960	0.002
7020	0.001
7080	0.001
7140	0.002
7200	0.002
7260	0.001

Dust Downwind
10-27-2022

7320	0.001
7380	0.002
7440	0.001
7500	0.002
7560	0.008
7620	0.008
7680	0.003
7740	0.006
7800	0.01
7860	0.01
7920	0.005
7980	0.008
8040	0.001
8100	0.004
8160	0.003
8220	0.014
8280	0.008
8340	0.006
8400	0.005
8460	0.005
8520	0.012
8580	0.009
8640	0.005
8700	0.002
8760	0.002
8820	0.001
8880	0.002
8940	0.004
9000	0.009
9060	0.007
9120	0.007
9180	0.01
9240	0.008
9300	0.005
9360	0.003
9420	0.004
9480	0.006
9540	0.006
9600	0.002
9660	0.006
9720	0.009
9780	0.016
9840	0.013
9900	0.008
9960	0.008
10020	0.009
10080	0.006

Dust Downwind
10-27-2022

10140	0.007
10200	0.008
10260	0.006
10320	0.014
10380	0.016
10440	0.046
10500	0.01
10560	0.006
10620	0.006
10680	0.004
10740	0.004
10800	0.003
10860	0.005
10920	0.016
10980	0.003
11040	0.006
11100	0.005
11160	0.002
11220	0.002
11280	0.002
11340	0.002
11400	0.002
11460	0.002
11520	0.002
11580	0.002
11640	0.003
11700	0.009
11760	0.01
11820	0.029
11880	0.036
11940	0.019
12000	0.005
12060	0.008
12120	0.004
12180	0.005
12240	0.008
12300	0.017
12360	0.005
12420	0.005
12480	0.006
12540	0.008
12600	0.004
12660	0.005
12720	0.005
12780	0.004
12840	0.003
12900	0.003

Dust Downwind
10-27-2022

12960	0.004
13020	0.002
13080	0.004
13140	0.003
13200	0.003
13260	0.004
13320	0.003
13380	0.004
13440	0.003
13500	0.005
13560	0.003
13620	0.004
13680	0.003
13740	0.005
13800	0.005
13860	0.003
13920	0.004
13980	0.004
14040	0.004
14100	0.003
14160	0.003
14220	0.007
14280	0.004
14340	0.003
14400	0.004
14460	0.005
14520	0.004
14580	0.005
14640	0.004
14700	0.006
14760	0.005
14820	0.004
14880	0.005
14940	0.005
15000	0.005
15060	0.004
15120	0.004
15180	0.004
15240	0.005
15300	0.004
15360	0.003
15420	0.005
15480	0.013
15540	0.005
15600	0.004
15660	0.007
15720	0.004

Dust Downwind
10-27-2022

15780	0.004
15840	0.003
15900	0.003
15960	0.003
16020	0.002
16080	0.005
16140	0.003
16200	0.003
16260	0.003
16320	0.004
16380	0.003
16440	0.004
16500	0.004
16560	0.004
16620	0.003
16680	0.004
16740	0.004
16800	0.004
16860	0.004
16920	0.004
16980	0.004

Dust Upwind
10-27-2022

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162403
Firmware Version	3.1
Calibration Date	4/29/2022
Test Name	MANUAL_021
Test Start Time	7:18:53 AM
Test Start Date	10/27/2022
Test Length [D:H:M]	0:04:53
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.003
Mass Minimum [mg/m3]	-0.042
Mass Maximum [mg/m3]	0.135
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	293

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.029		
120	0.047		
180	0.045		
240	0.135		
300	0.098		
360	0.062		
420	0.047		
480	0.034		
540	0.019		
600	0.01		
660	0.007		
720	0.008		
780	0.006		
840	0.007		
900	0.008		
960	0.01		
1020	0.008		
1080	0.016		
1140	0.019		
1200	0.012		
1260	0.01		
1320	0.009		
1380	0.008		
1440	0.008		
1500	0.01		
1560	0.01		
1620	0.011		

Dust Upwind
10-27-2022

1680	0.011
1740	0.009
1800	0.008
1860	0.007
1920	0.008
1980	0.008
2040	0.007
2100	0.007
2160	0.006
2220	0.006
2280	0.007
2340	0.006
2400	0.005
2460	0.006
2520	0.005
2580	0.005
2640	0.005
2700	0.005
2760	0.005
2820	0.004
2880	0.004
2940	0.003
3000	0.003
3060	0.004
3120	0.004
3180	0.003
3240	0.004
3300	0.004
3360	0.003
3420	0.003
3480	0.003
3540	0.003
3600	0.003
3660	0.003
3720	0.004
3780	0.005
3840	0.003
3900	0.006
3960	0.007
4020	0.004
4080	0.004
4140	0.004
4200	0.004
4260	0.01
4320	0.011
4380	0.004
4440	0.005

Dust Upwind
10-27-2022

4500	0.005
4560	0.006
4620	0.005
4680	0.006
4740	0.005
4800	0.005
4860	0.005
4920	0.005
4980	0.005
5040	0.005
5100	0.004
5160	0.004
5220	0.004
5280	0.005
5340	0.004
5400	0.004
5460	0.003
5520	0.003
5580	0.004
5640	0.004
5700	0.003
5760	0.004
5820	0.004
5880	0.004
5940	0.004
6000	0.004
6060	0.004
6120	0.004
6180	0.004
6240	0.004
6300	0.003
6360	0.003
6420	0.003
6480	0.003
6540	0.004
6600	0.003
6660	0.003
6720	0.004
6780	0.003
6840	0.003
6900	0.003
6960	0.003
7020	0.003
7080	0.003
7140	0.003
7200	0.003
7260	0.003

Dust Upwind
10-27-2022

7320	0.003
7380	0.004
7440	0.003
7500	0.003
7560	0.002
7620	0.003
7680	0.003
7740	0.003
7800	0.003
7860	0.003
7920	0.003
7980	0.003
8040	0.002
8100	0.003
8160	0.003
8220	0.003
8280	0.003
8340	0.003
8400	0.002
8460	0.003
8520	0.003
8580	0.002
8640	0.003
8700	0.003
8760	0.002
8820	0.002
8880	0.002
8940	0.003
9000	0.003
9060	0.002
9120	0.003
9180	0.003
9240	0.003
9300	0.002
9360	0.003
9420	0.003
9480	0.003
9540	0.003
9600	0.003
9660	0.003
9720	0.002
9780	0.003
9840	0.004
9900	0.004
9960	0.004
10020	0.004
10080	0.004

Dust Upwind
10-27-2022

10140	0.003
10200	0.003
10260	0.003
10320	0.003
10380	0.003
10440	0.004
10500	0.004
10560	0.004
10620	0.003
10680	0.005
10740	0.005
10800	0.005
10860	0.003
10920	0.003
10980	0.003
11040	0.003
11100	0.003
11160	0.003
11220	0.003
11280	0.003
11340	0.003
11400	0.003
11460	0.003
11520	0.003
11580	0.003
11640	0.004
11700	0.003
11760	0.003
11820	0.003
11880	0.003
11940	0.003
12000	0.004
12060	0.004
12120	0.004
12180	0.004
12240	0.002
12300	0.004
12360	0.004
12420	0.004
12480	0.004
12540	0.004
12600	0.004
12660	0.005
12720	0.003
12780	0.004
12840	0.004
12900	0.004

Dust Upwind
10-27-2022

12960	0.004
13020	0.004
13080	0.003
13140	0.003
13200	0.003
13260	0.004
13320	0.003
13380	0.004
13440	0.005
13500	0.005
13560	0.004
13620	0.004
13680	0.004
13740	0.004
13800	0.004
13860	0.003
13920	0.004
13980	0.004
14040	0.015
14100	0.007
14160	0.005
14220	0.005
14280	0.004
14340	0.004
14400	0.002
14460	0
14520	-0.008
14580	-0.006
14640	-0.003
14700	-0.009
14760	-0.012
14820	-0.024
14880	-0.023
14940	-0.005
15000	-0.011
15060	-0.01
15120	-0.014
15180	-0.012
15240	-0.006
15300	-0.02
15360	-0.042
15420	-0.042
15480	-0.041
15540	-0.042
15600	-0.041
15660	-0.041
15720	-0.041

Dust Upwind
10-27-2022

15780	-0.041
15840	-0.042
15900	-0.041
15960	-0.042
16020	-0.04
16080	-0.036
16140	-0.038
16200	-0.04
16260	-0.039
16320	-0.032
16380	-0.004
16440	-0.001
16500	0
16560	0.003
16620	0.004
16680	0.004
16740	0.004
16800	0.004
16860	0.003
16920	0.004
16980	0.004
17040	0.004
17100	-0.002
17160	0
17220	0.001
17280	0.003
17340	0.005
17400	0.005
17460	0.006
17520	0.005
17580	0.005

PID Downwind

10-27-2022

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 Ty	Sensor 1 Di	Sensor 1 Se	Sensor 1 St	Sensor 1 G	Sensor 1 A	Sensor 1 M	Sensor 1 M	Sensor 1 ST	Sensor 1 TV	Sensor 1 La	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 Hi	Sensor 1 Lo	Sensor 1 ST	Sensor 1 TV
592-92719	10/27/2022 12:24	Readings		PID		SC2303027	Normal	0.2	0.9	1	0.2	1.2	0.2							
592-92719	10/27/2022 12:09	Readings		PID		SC2303027	Normal	1	0.9	1	0.9	1.9	0.2							
592-92719	10/27/2022 11:54	Readings		PID		SC2303027	Normal	0.9	0.9	0.9	0.8	1.7	0.2							
592-92719	10/27/2022 11:39	Readings		PID		SC2303027	Normal	0.8	0.8	0.8	0.8	1.6	0.1							
592-92719	10/27/2022 11:24	Readings		PID		SC2303027	Normal	0.8	0.7	0.8	0.7	1.5	0.1							
592-92719	10/27/2022 11:09	Readings		PID		SC2303027	Normal	0.7	0.7	0.7	0.6	1.3	0.1							
592-92719	10/27/2022 10:54	Readings		PID		SC2303027	Normal	0.6	0.6	0.6	0.5	1.1	0.1							
592-92719	10/27/2022 10:39	Readings		PID		SC2303027	Normal	0.5	0.5	0.5	0.4	0.9	0.1							
592-92719	10/27/2022 10:24	Readings		PID		SC2303027	Normal	0.4	0.4	0.4	0.3	0.7	0							
592-92719	10/27/2022 10:09	Readings		PID		SC2303027	Normal	0.3	0.3	0.3	0.2	0.5	0							
592-92719	10/27/2022 9:54	Readings		PID		SC2303027	Normal	0.2	0.2	0.2	0.1	0.3	0							
592-92719	10/27/2022 9:39	Readings		PID		SC2303027	Normal	0.1	0.1	0.1	0.1	0.2	0							
592-92719	10/27/2022 9:24	Readings		PID		SC2303027	Normal	0.1	0	0.1	0	0.1	0							
592-92719	10/27/2022 9:09	Readings		PID		SC2303027	Normal	0	0	0	0	0	0							
592-92719	10/27/2022 8:54	Readings		PID		SC2303027	Normal	0	0	0	0	0	0							
592-92719	10/27/2022 8:39	Readings		PID		SC2303027	Normal	0	0	0	0	0	0							
592-92719	10/27/2022 8:24	Readings		PID		SC2303027	Normal	0	0	0	0	0	0							
592-92719	10/27/2022 8:09	Readings		PID		SC2303027	Normal	0	0	0	0	0	0							
592-92719	10/27/2022 7:54	Readings		PID		SC2303027	Normal	0	0	0	0	0	0							
592-92719	10/27/2022 7:39	CONFIG	900	PID	ppm	SC23030277W3								########	100	1000	100	50	100	50

PID Downwind
10-27-2022

Sensor 1 O	Sensor 1 M	Sensor 1 Cc	Unit Status	Running M	Log Start T	Diagnostic	Stop Reaso	User Id	Site Id	Record Nur	Session Sta	Session Sto	Firmware Version
15000	Isobutylene	1	Hygiene M	Auto	Normal Mc	Power Dow	USER0000	SITE0000		19	########	########	V2.22

PID Upwind
10-27-2022

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 Ty	Sensor 1 Di	Sensor 1 Se	Sensor 1 St	Sensor 1 G	Sensor 1 A	Sensor 1 M	Sensor 1 M	Sensor 1 ST	Sensor 1 TV	Sensor 1 La	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 Hi	Sensor 1 Lo	Sensor 1 ST	Sensor 1 TV
592-91915	10/27/2022 12:10	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 11:55	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 11:40	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 11:25	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 11:10	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 10:55	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 10:40	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 10:25	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 10:10	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 9:55	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 9:40	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 9:25	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 9:10	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 8:55	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 8:40	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 8:25	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 8:10	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 7:55	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 7:40	Readings		PID		SC2303002	Normal	0	0	0	0	0	0							
592-91915	10/27/2022 7:25	CONFIG	900	PID	ppm	SC23030028U4								########	100	1000	100	50	25	10

PID Upwind
10-27-2022

Sensor 1 O	Sensor 1 M	Sensor 1 C	Unit Status	Running M	Log Start T	Diagnostic	Stop Reaso	User Id	Site Id	Record Nur	Session Sta	Session Sto	Firmware Version
15000	Isobutylene	1		Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	19	########	########	V2.22A