



DAILY STATUS REPORT

Prepared By: Alex Keenan

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	Wind
TEMP.	< 32		32-50	X	50-70		70-85		>85	SSE- 1 mph

IEC Project No:	13928	NYSDEC BCP Site No:	C224367	Date:	2/16/23
Project:	251 Douglass Street, Brooklyn, NY				

<p>Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG)</p> <p>Time On: 06:30 Time Out: 15:00</p>	<p>Personnel On Site: IEEG (Environmental) – Alex Keenan PG Environmental Services, Inc– Drilling Contractor</p> <p>Equipment On Site: Geoprobe Drill Rig 7822DT (2x)</p>
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Scope of Work:

- Installation of step off delineation soil borings for each location where MGP/Coal Tar was identified in previous investigations;
- GW-8: Step off DB-1, 2 and 3 to a minimum of 100 feet;
- SB-24: Step off DB-4, 5 and 6 to a minimum of 115 feet;
- SB-25 and SB-21: Step offs DB-7 through 11 to a minimum of 80 feet;
- SB-20: and SB-28 Step offs DB-12 through 16 to a minimum of 40 feet;
- Additional step off borings will be added on an as needed basis; and
- Installation of cluster wells proximal to MGP Coal Tar impacted borings.

Site Activities:

- Camp equipment was deployed within the work zone;
- Drilling activities commenced at 8:00 am;
- The advancement of borings DB-6 and DB-18 (east of DB-5) were continued. Drilling activities ceased for the day at both boring locations at approximately 90 feet bgs. The initial interval of MGP Coal Tar impacts observed yesterday (2/15/23), cleaned up in DB-6 at approximately 60 feet bgs-a sample was collected at DB-6 at the 60-62' interval. Within DB-6 a second interval of MGP Coal Tar was observed from 65-70 feet bgs. It should be noted, a sample was collected here due to the liner being saturated in MGP Coal Tar. Subsequent samples were collected at DB-6 at the 70-72' interval and 75-77' interval. For boring DB-18 MGP Coal Tar extended to 70 feet bgs. A sample was collected at the 70-75' interval.
- Liners were disposed of and material from within the liners was placed in labeled 55-gallon steel drums; and

- PG utilized the containment area to decon tooling during and at the end of the days activities all IDW was placed in labeled 55-gallon steel drums that will be stored on-site.

Community Air Monitoring Program (CAMP) - _CAMP action level for dust (0.1 mg/m³) and VOCs (5 ppm)

- PID remained at nominal levels throughout the day;
- No sustained dust exceedances were observed over a 1-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.0__ ppm, Dust = __.031__ mg/m³ @ 08:01
- High Conditions (Upwind) – PID = __0.0__ ppm, Dust = _0.072 mg/m³ @ 10:59
- High Conditions (Downwind) – PID = __0.0__ ppm, Dust = 0.062 mg/m³ @ 10:56

*It should be noted that the downwind monitor had a flow error at approximately and did not read for the remainder of the day. A Call was placed to PINE Environmental to troubleshoot.

Notable Site Conditions:

- See Site Activities.

Planned Activities for the Next Day/Week:

- Continue step off borings

Photo Log

251 Douglass Street, Brooklyn, NY



Photo 1 –
Representative
photo of the
start of the
days activities
at boring DB-6
and DB-18.



Photo 2–
Representative
view of DB-6
at the 65-70'
interval
impacted with
MGP Coal Tar.

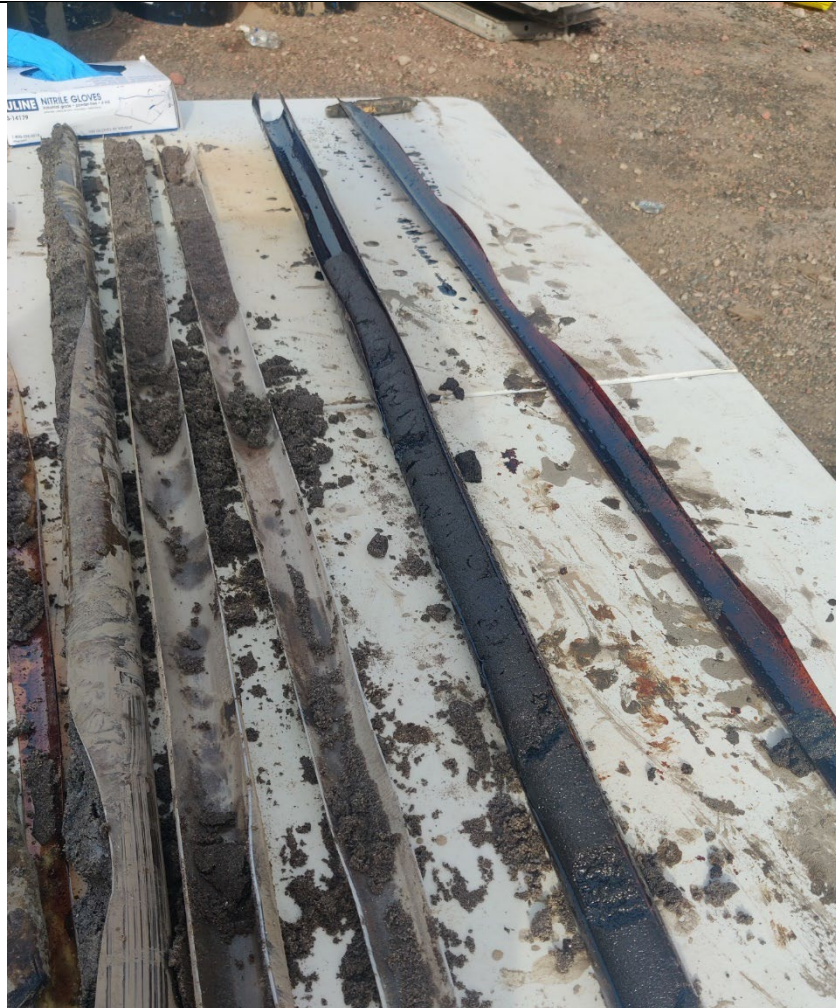


Photo 3-

Additional photo of boring DB-6 at the 65-70' interval impacted with MGP Coal Tar.



Photo 4-

Representative photo of the Site at the end of the days activities.



Site Plan

251 Douglass Street, Brooklyn, NY



NEVINS STREET

BUTLER STREET

DOUGLAS STREET



FW-SB-41

FW-SB-40

GCMW-33

FW-MW-09

EXISTING 4 STORY BUILDING

VACANT

EXISTING 2 STORY BUILDING

EXISTING 2 STORY BUILDING

EXISTING 2 STORY BUILDING

EXISTING 1 STORY BUILDING

FORMER 1-STORY BUILDING CONCRETE SLAB

Current Drilling location(s)

Downwind CAMP Unit

EXISTING 2 STORY BUILDING

EXISTING 1 STORY BUILDING

Upwind CAMP Unit

Completed Borings

DB-17

FORMER 2-STORY BUILDING CONCRETE SLAB

LEGEND

- - - PROPERTY LINE
- IEC SOIL BORING LOCATION
- OFF-SITE GEI OR USEPA SOIL BORING LOCATION
- IEC GROUNDWATER WELL LOCATION
- PROPOSED GCM DELINEATION BORING LOCATION

NOTES:

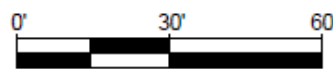
DELINEATION OF CONTAMINATION MIGRATING FROM OFF-SITE FORMER FULTON MGP

251 Douglas Street
Brooklyn, New York

Figure No: 01

PROJECT NO:	1228-01
DRAWN BY:	AE
CHECKED BY:	DP
DATE:	11/20/20
SCALE:	1" = 30'
REVISION:	

**IMPACT ENVIRONMENTAL
ENGINEERING AND
GEOLOGY, PLLC**
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (831) 288-8800
FAX (831) 288-1599



UPWIND Air Monitor

251 Douglass Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162403
Firmware Version	3.1
Calibration Date	4/29/2022
Test Name	MANUAL_003
Test Start Time	8:00:41 AM
Test Start Date	2/16/2023
Test Length [D:H:M]	0:06:04
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.043
Mass Minimum [mg/m3]	-0.001
Mass Maximum [mg/m3]	0.072
Mass TWA [mg/m3]	0.033
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	364

Elapsed Time [s]	time	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
0	8:00:41 AM				
60	8:01:41 AM	0.031		0.0	
120	8:02:41 AM	0.013		0.0	
180	8:03:41 AM	0.016		0.0	
240	8:04:41 AM	0.017		0.0	
300	8:05:41 AM	0.026		0.0	
360	8:06:41 AM	0.024		0.0	
420	8:07:41 AM	0.028		0.0	
480	8:08:41 AM	0.034		0.0	
540	8:09:41 AM	0.033		0.0	
600	8:10:41 AM	0.036		0.0	
660	8:11:41 AM	0.034		0.0	
720	8:12:41 AM	0.036		0.0	
780	8:13:41 AM	0.037		0.0	
840	8:14:41 AM	0.037		0.0	
900	8:15:41 AM	0.036		0.0	
960	8:16:41 AM	0.036		0.0	
1020	8:17:41 AM	0.037		0.0	
1080	8:18:41 AM	0.037		0.0	
1140	8:19:41 AM	0.037		0.0	
1200	8:20:41 AM	0.04		0.0	
1260	8:21:41 AM	0.039		0.0	
1320	8:22:41 AM	0.037		0.0	
1380	8:23:41 AM	0.037		0.0	
1440	8:24:41 AM	0.037		0.0	
1500	8:25:41 AM	0.036		0.0	
1560	8:26:41 AM	0.035		0.0	

1620	8:27:41 AM	0.042	0.0
1680	8:28:41 AM	0.037	0.0
1740	8:29:41 AM	0.034	0.0
1800	8:30:41 AM	0.034	0.0
1860	8:31:41 AM	0.035	0.0
1920	8:32:41 AM	0.037	0.0
1980	8:33:41 AM	0.037	0.0
2040	8:34:41 AM	0.037	0.0
2100	8:35:41 AM	0.039	0.0
2160	8:36:41 AM	0.038	0.0
2220	8:37:41 AM	0.037	0.0
2280	8:38:41 AM	0.036	0.0
2340	8:39:41 AM	0.036	0.0
2400	8:40:41 AM	0.037	0.0
2460	8:41:41 AM	0.037	0.0
2520	8:42:41 AM	0.041	0.0
2580	8:43:41 AM	0.041	0.0
2640	8:44:41 AM	0.043	0.0
2700	8:45:41 AM	0.043	0.0
2760	8:46:41 AM	0.043	0.0
2820	8:47:41 AM	0.042	0.0
2880	8:48:41 AM	0.043	0.0
2940	8:49:41 AM	0.042	0.0
3000	8:50:41 AM	0.041	0.0
3060	8:51:41 AM	0.04	0.0
3120	8:52:41 AM	0.051	0.0
3180	8:53:41 AM	0.044	0.0
3240	8:54:41 AM	0.04	0.0
3300	8:55:41 AM	0.04	0.0
3360	8:56:41 AM	0.038	0.0
3420	8:57:41 AM	0.039	0.0
3480	8:58:41 AM	0.04	0.0
3540	8:59:41 AM	0.041	0.0
3600	9:00:41 AM	0.043	0.0
3660	9:01:41 AM	0.04	0.0
3720	9:02:41 AM	0.039	0.0
3780	9:03:41 AM	0.04	0.0
3840	9:04:41 AM	0.042	0.0
3900	9:05:41 AM	0.041	0.0
3960	9:06:41 AM	0.044	0.0
4020	9:07:41 AM	0.045	0.0
4080	9:08:41 AM	0.043	0.0
4140	9:09:41 AM	0.045	0.0
4200	9:10:41 AM	0.041	0.0
4260	9:11:41 AM	0.039	0.0
4320	9:12:41 AM	0.041	0.0
4380	9:13:41 AM	0.04	0.0

4440	9:14:41 AM	0.039	0.0
4500	9:15:41 AM	0.04	0.0
4560	9:16:41 AM	0.041	0.0
4620	9:17:41 AM	0.042	0.0
4680	9:18:41 AM	0.043	0.0
4740	9:19:41 AM	0.045	0.0
4800	9:20:41 AM	0.045	0.0
4860	9:21:41 AM	0.044	0.0
4920	9:22:41 AM	0.04	0.0
4980	9:23:41 AM	0.041	0.0
5040	9:24:41 AM	0.043	0.0
5100	9:25:41 AM	0.042	0.0
5160	9:26:41 AM	0.041	0.0
5220	9:27:41 AM	0.042	0.0
5280	9:28:41 AM	0.042	0.0
5340	9:29:41 AM	0.041	0.0
5400	9:30:41 AM	0.043	0.0
5460	9:31:41 AM	0.043	0.0
5520	9:32:41 AM	0.046	0.0
5580	9:33:41 AM	0.047	0.0
5640	9:34:41 AM	0.046	0.0
5700	9:35:41 AM	0.042	0.0
5760	9:36:41 AM	0.044	0.0
5820	9:37:41 AM	0.043	0.0
5880	9:38:41 AM	0.044	0.0
5940	9:39:41 AM	0.044	0.0
6000	9:40:41 AM	0.045	0.0
6060	9:41:41 AM	0.042	0.0
6120	9:42:41 AM	0.039	0.0
6180	9:43:41 AM	0.041	0.0
6240	9:44:41 AM	0.042	0.0
6300	9:45:41 AM	0.043	0.0
6360	9:46:41 AM	0.045	0.0
6420	9:47:41 AM	0.042	0.0
6480	9:48:41 AM	0.048	0.0
6540	9:49:41 AM	0.048	0.0
6600	9:50:41 AM	0.049	0.0
6660	9:51:41 AM	0.052	0.0
6720	9:52:41 AM	0.055	0.0
6780	9:53:41 AM	0.054	0.0
6840	9:54:41 AM	0.054	0.0
6900	9:55:41 AM	0.054	0.0
6960	9:56:41 AM	0.056	0.0
7020	9:57:41 AM	0.057	0.0
7080	9:58:41 AM	0.053	0.0
7140	9:59:41 AM	0.052	0.0
7200	10:00:41 AM	0.049	0.0

7260	10:01:41 AM	0.051	0.0
7320	10:02:41 AM	0.052	0.0
7380	10:03:41 AM	0.052	0.0
7440	10:04:41 AM	0.056	0.0
7500	10:05:41 AM	0.052	0.0
7560	10:06:41 AM	0.054	0.0
7620	10:07:41 AM	0.056	0.0
7680	10:08:41 AM	0.056	0.0
7740	10:09:41 AM	0.057	0.0
7800	10:10:41 AM	0.058	0.0
7860	10:11:41 AM	0.058	0.0
7920	10:12:41 AM	0.059	0.0
7980	10:13:41 AM	0.064	0.0
8040	10:14:41 AM	0.066	0.0
8100	10:15:41 AM	0.065	0.0
8160	10:16:41 AM	0.066	0.0
8220	10:17:41 AM	0.065	0.0
8280	10:18:41 AM	0.066	0.0
8340	10:19:41 AM	0.07	0.0
8400	10:20:41 AM	0.067	0.0
8460	10:21:41 AM	0.064	0.0
8520	10:22:41 AM	0.064	0.0
8580	10:23:41 AM	0.065	0.0
8640	10:24:41 AM	0.066	0.0
8700	10:25:41 AM	0.064	0.0
8760	10:26:41 AM	0.061	0.0
8820	10:27:41 AM	0.062	0.0
8880	10:28:41 AM	0.062	0.0
8940	10:29:41 AM	0.062	0.0
9000	10:30:41 AM	0.061	0.0
9060	10:31:41 AM	0.061	0.0
9120	10:32:41 AM	0.061	0.0
9180	10:33:41 AM	0.062	0.0
9240	10:34:41 AM	0.062	0.0
9300	10:35:41 AM	0.062	0.0
9360	10:36:41 AM	0.061	0.0
9420	10:37:41 AM	0.06	0.0
9480	10:38:41 AM	0.06	0.0
9540	10:39:41 AM	0.061	0.0
9600	10:40:41 AM	0.062	0.0
9660	10:41:41 AM	0.064	0.0
9720	10:42:41 AM	0.065	0.0
9780	10:43:41 AM	0.065	0.0
9840	10:44:41 AM	0.064	0.0
9900	10:45:41 AM	0.065	0.0
9960	10:46:41 AM	0.066	0.0
10020	10:47:41 AM	0.068	0.0

10080	10:48:41 AM	0.067	0.0
10140	10:49:41 AM	0.067	0.0
10200	10:50:41 AM	0.065	0.0
10260	10:51:41 AM	0.065	0.0
10320	10:52:41 AM	0.067	0.0
10380	10:53:41 AM	0.068	0.0
10440	10:54:41 AM	0.07	0.0
10500	10:55:41 AM	0.068	0.0
10560	10:56:41 AM	0.068	0.0
10620	10:57:41 AM	0.067	0.0
10680	10:58:41 AM	0.069	0.0
10740	10:59:41 AM	0.072	0.0
10800	11:00:41 AM	0.07	0.0
10860	11:01:41 AM	0.069	0.0
10920	11:02:41 AM	0.068	0.0
10980	11:03:41 AM	0.068	0.0
11040	11:04:41 AM	0.067	0.0
11100	11:05:41 AM	0.067	0.0
11160	11:06:41 AM	0.067	0.0
11220	11:07:41 AM	0.066	0.0
11280	11:08:41 AM	0.066	0.0
11340	11:09:41 AM	0.066	0.0
11400	11:10:41 AM	0.067	0.0
11460	11:11:41 AM	0.067	0.0
11520	11:12:41 AM	0.069	0.0
11580	11:13:41 AM	0.069	0.0
11640	11:14:41 AM	0.069	0.0
11700	11:15:41 AM	0.07	0.0
11760	11:16:41 AM	0.069	0.0
11820	11:17:41 AM	0.067	0.0
11880	11:18:41 AM	0.069	0.0
11940	11:19:41 AM	0.066	0.0
12000	11:20:41 AM	0.067	0.0
12060	11:21:41 AM	0.067	0.0
12120	11:22:41 AM	0.065	0.0
12180	11:23:41 AM	0.065	0.0
12240	11:24:41 AM	0.068	0.0
12300	11:25:41 AM	0.067	0.0
12360	11:26:41 AM	0.066	0.0
12420	11:27:41 AM	0.065	0.0
12480	11:28:41 AM	0.066	0.0
12540	11:29:41 AM	0.066	0.0
12600	11:30:41 AM	0.067	0.0
12660	11:31:41 AM	0.067	0.0
12720	11:32:41 AM	0.065	0.0
12780	11:33:41 AM	0.067	0.0
12840	11:34:41 AM	0.065	0.0

12900	11:35:41 AM	0.064	0.0
12960	11:36:41 AM	0.06	0.0
13020	11:37:41 AM	0.054	0.0
13080	11:38:41 AM	0.054	0.0
13140	11:39:41 AM	0.053	0.0
13200	11:40:41 AM	0.052	0.0
13260	11:41:41 AM	0.052	0.0
13320	11:42:41 AM	0.05	0.0
13380	11:43:41 AM	0.049	0.0
13440	11:44:41 AM	0.052	0.0
13500	11:45:41 AM	0.048	0.0
13560	11:46:41 AM	0.045	0.0
13620	11:47:41 AM	0.045	0.0
13680	11:48:41 AM	0.044	0.0
13740	11:49:41 AM	0.045	0.0
13800	11:50:41 AM	0.045	0.0
13860	11:51:41 AM	0.041	0.0
13920	11:52:41 AM	0.041	0.0
13980	11:53:41 AM	0.037	0.0
14040	11:54:41 AM	0.039	0.0
14100	11:55:41 AM	0.037	0.0
14160	11:56:41 AM	0.039	0.0
14220	11:57:41 AM	0.039	0.0
14280	11:58:41 AM	0.038	0.0
14340	11:59:41 AM	0.04	0.0
14400	12:00:41 PM	0.04	0.0
14460	12:01:41 PM	0.041	0.0
14520	12:02:41 PM	0.035	0.0
14580	12:03:41 PM	0.034	0.0
14640	12:04:41 PM	0.036	0.0
14700	12:05:41 PM	0.037	0.0
14760	12:06:41 PM	0.04	0.0
14820	12:07:41 PM	0.043	0.0
14880	12:08:41 PM	0.043	0.0
14940	12:09:41 PM	0.045	0.0
15000	12:10:41 PM	0.044	0.0
15060	12:11:41 PM	0.046	0.0
15120	12:12:41 PM	0.055	0.0
15180	12:13:41 PM	0.053	0.0
15240	12:14:41 PM	0.053	0.0
15300	12:15:41 PM	0.054	0.0
15360	12:16:41 PM	0.054	0.0
15420	12:17:41 PM	0.055	0.0
15480	12:18:41 PM	0.057	0.0
15540	12:19:41 PM	0.058	0.0
15600	12:20:41 PM	0.051	0.0
15660	12:21:41 PM	0.042	0.0

15720	12:22:41 PM	0.049	0.0
15780	12:23:41 PM	0.047	0.0
15840	12:24:41 PM	0.049	0.0
15900	12:25:41 PM	0.038	0.0
15960	12:26:41 PM	0.042	0.0
16020	12:27:41 PM	0.044	0.0
16080	12:28:41 PM	0.048	0.0
16140	12:29:41 PM	0.029	0.0
16200	12:30:41 PM	0.037	0.0
16260	12:31:41 PM	0.026	0.0
16320	12:32:41 PM	0.025	0.0
16380	12:33:41 PM	0.022	0.0
16440	12:34:41 PM	0.025	0.0
16500	12:35:41 PM	0.054	0.0
16560	12:36:41 PM	0.057	0.0
16620	12:37:41 PM	0.057	0.0
16680	12:38:41 PM	0.058	0.0
16740	12:39:41 PM	0.057	0.0
16800	12:40:41 PM	0.056	0.0
16860	12:41:41 PM	0.056	0.0
16920	12:42:41 PM	0.057	0.0
16980	12:43:41 PM	0.06	0.0
17040	12:44:41 PM	0.047	0.0
17100	12:45:41 PM	0.046	0.0
17160	12:46:41 PM	0.047	0.0
17220	12:47:41 PM	0.042	0.0
17280	12:48:41 PM	0.039	0.0
17340	12:49:41 PM	0.038	0.0
17400	12:50:41 PM	0.037	0.0
17460	12:51:41 PM	0.039	0.0
17520	12:52:41 PM	0.04	0.0
17580	12:53:41 PM	0.043	0.0
17640	12:54:41 PM	0.042	0.0
17700	12:55:41 PM	0.04	0.0
17760	12:56:41 PM	0.036	0.0
17820	12:57:41 PM	0.031	0.0
17880	12:58:41 PM	0.031	0.0
17940	12:59:41 PM	0.027	0.0
18000	1:00:41 PM	0.026	0.0
18060	1:01:41 PM	0.023	0.0
18120	1:02:41 PM	0.022	0.0
18180	1:03:41 PM	0.019	0.0
18240	1:04:41 PM	0.02	0.0
18300	1:05:41 PM	0.019	0.0
18360	1:06:41 PM	0.016	0.0
18420	1:07:41 PM	0.023	0.0
18480	1:08:41 PM	0.015	0.0

18540	1:09:41 PM	0.008	0.0
18600	1:10:41 PM	0.011	0.0
18660	1:11:41 PM	0.015	0.0
18720	1:12:41 PM	0.014	0.0
18780	1:13:41 PM	0.01	0.0
18840	1:14:41 PM	0.008	0.0
18900	1:15:41 PM	0.003	0.0
18960	1:16:41 PM	0.006	0.0
19020	1:17:41 PM	0.01	0.0
19080	1:18:41 PM	0.007	0.0
19140	1:19:41 PM	0.004	0.0
19200	1:20:41 PM	0.006	0.0
19260	1:21:41 PM	0.001	0.0
19320	1:22:41 PM	0.005	0.0
19380	1:23:41 PM	0.026	0.0
19440	1:24:41 PM	0.029	0.0
19500	1:25:41 PM	0.033	0.0
19560	1:26:41 PM	0.028	0.0
19620	1:27:41 PM	0.04	0.0
19680	1:28:41 PM	0.038	0.0
19740	1:29:41 PM	0.033	0.0
19800	1:30:41 PM	0.028	0.0
19860	1:31:41 PM	0.031	0.0
19920	1:32:41 PM	0.028	0.0
19980	1:33:41 PM	0.021	0.0
20040	1:34:41 PM	0.018	0.0
20100	1:35:41 PM	0.012	0.0
20160	1:36:41 PM	0.022	0.0
20220	1:37:41 PM	0.04	0.0
20280	1:38:41 PM	0.023	0.0
20340	1:39:41 PM	0.008	0.0
20400	1:40:41 PM	0.03	0.0
20460	1:41:41 PM	0.047	0.0
20520	1:42:41 PM	0.05	0.0
20580	1:43:41 PM	0.03	0.0
20640	1:44:41 PM	0.008	0.0
20700	1:45:41 PM	-0.001	0.0
20760	1:46:41 PM	-0.001	0.0
20820	1:47:41 PM	0.004	0.0
20880	1:48:41 PM	0.003	0.0
20940	1:49:41 PM	0.001	0.0
21000	1:50:41 PM	0.001	0.0
21060	1:51:41 PM	0.013	0.0
21120	1:52:41 PM	0.025	0.0
21180	1:53:41 PM	0.014	0.0
21240	1:54:41 PM	0.015	0.0
21300	1:55:41 PM	0.022	0.0

21360	1:56:41 PM	0.016	0.0
21420	1:57:41 PM	0.014	0.0
21480	1:58:41 PM	0.012	0.0
21540	1:59:41 PM	0.013	0.0
21600	2:00:41 PM	0.015	0.0
21660	2:01:41 PM	0.013	0.0
21720	2:02:41 PM	0.009	0.0
21780	2:03:41 PM	0.007	0.0
21840	2:04:41 PM	0.008	0.0

DOWNWIND Air Monitor

251 Douglass Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530124902
Firmware Version	3.1
Calibration Date	5/25/2022
Test Name	MANUAL_003
Test Start Time	7:54:19 AM
Test Start Date	2/16/2023
Test Length [D:H:M]	0:04:31
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.042
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.062
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	271

Elapsed Time [s]	time	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
0	7:54:19 AM				
60	7:55:19 AM	0.029		0.0	
120	7:56:19 AM	0.025		0.0	
180	7:57:19 AM	0.025		0.0	
240	7:58:19 AM	0.026		0.0	
300	7:59:19 AM	0.026		0.0	
360	8:00:19 AM	0.026		0.0	
420	8:01:19 AM	0.025		0.0	
480	8:02:19 AM	0.026		0.0	
540	8:03:19 AM	0.025		0.0	
600	8:04:19 AM	0.026		0.0	
660	8:05:19 AM	0.026		0.0	
720	8:06:19 AM	0.025		0.0	
780	8:07:19 AM	0.026		0.0	
840	8:08:19 AM	0.028		0.0	
900	8:09:19 AM	0.029		0.0	
960	8:10:19 AM	0.028		0.0	
1020	8:11:19 AM	0.03		0.0	
1080	8:12:19 AM	0.03		0.0	
1140	8:13:19 AM	0.028		0.0	
1200	8:14:19 AM	0.027		0.0	
1260	8:15:19 AM	0.027		0.0	
1320	8:16:19 AM	0.028		0.0	
1380	8:17:19 AM	0.028		0.0	
1440	8:18:19 AM	0.028		0.0	
1500	8:19:19 AM	0.029		0.0	
1560	8:20:19 AM	0.028		0.0	

1620	8:21:19 AM	0.027	0.0
1680	8:22:19 AM	0.026	0.0
1740	8:23:19 AM	0.026	0.0
1800	8:24:19 AM	0.025	0.0
1860	8:25:19 AM	0.025	0.0
1920	8:26:19 AM	0.025	0.0
1980	8:27:19 AM	0.026	0.0
2040	8:28:19 AM	0.025	0.0
2100	8:29:19 AM	0.027	0.0
2160	8:30:19 AM	0.029	0.0
2220	8:31:19 AM	0.029	0.0
2280	8:32:19 AM	0.03	0.0
2340	8:33:19 AM	0.029	0.0
2400	8:34:19 AM	0.029	0.0
2460	8:35:19 AM	0.028	0.0
2520	8:36:19 AM	0.028	0.0
2580	8:37:19 AM	0.028	0.0
2640	8:38:19 AM	0.028	0.0
2700	8:39:19 AM	0.028	0.0
2760	8:40:19 AM	0.029	0.0
2820	8:41:19 AM	0.034	0.0
2880	8:42:19 AM	0.032	0.0
2940	8:43:19 AM	0.033	0.0
3000	8:44:19 AM	0.032	0.0
3060	8:45:19 AM	0.034	0.0
3120	8:46:19 AM	0.033	0.0
3180	8:47:19 AM	0.032	0.0
3240	8:48:19 AM	0.034	0.0
3300	8:49:19 AM	0.033	0.0
3360	8:50:19 AM	0.031	0.0
3420	8:51:19 AM	0.032	0.0
3480	8:52:19 AM	0.032	0.0
3540	8:53:19 AM	0.031	0.0
3600	8:54:19 AM	0.031	0.0
3660	8:55:19 AM	0.03	0.0
3720	8:56:19 AM	0.032	0.0
3780	8:57:19 AM	0.031	0.0
3840	8:58:19 AM	0.032	0.0
3900	8:59:19 AM	0.033	0.0
3960	9:00:19 AM	0.031	0.0
4020	9:01:19 AM	0.032	0.0
4080	9:02:19 AM	0.032	0.0
4140	9:03:19 AM	0.033	0.0
4200	9:04:19 AM	0.035	0.0
4260	9:05:19 AM	0.036	0.0
4320	9:06:19 AM	0.035	0.0
4380	9:07:19 AM	0.036	0.0

4440	9:08:19 AM	0.033	0.0
4500	9:09:19 AM	0.032	0.0
4560	9:10:19 AM	0.033	0.0
4620	9:11:19 AM	0.032	0.0
4680	9:12:19 AM	0.031	0.0
4740	9:13:19 AM	0.031	0.0
4800	9:14:19 AM	0.032	0.0
4860	9:15:19 AM	0.033	0.0
4920	9:16:19 AM	0.035	0.0
4980	9:17:19 AM	0.036	0.0
5040	9:18:19 AM	0.035	0.0
5100	9:19:19 AM	0.034	0.0
5160	9:20:19 AM	0.034	0.0
5220	9:21:19 AM	0.032	0.0
5280	9:22:19 AM	0.032	0.0
5340	9:23:19 AM	0.033	0.0
5400	9:24:19 AM	0.032	0.0
5460	9:25:19 AM	0.037	0.0
5520	9:26:19 AM	0.033	0.0
5580	9:27:19 AM	0.033	0.0
5640	9:28:19 AM	0.034	0.0
5700	9:29:19 AM	0.035	0.0
5760	9:30:19 AM	0.035	0.0
5820	9:31:19 AM	0.037	0.0
5880	9:32:19 AM	0.036	0.0
5940	9:33:19 AM	0.034	0.0
6000	9:34:19 AM	0.033	0.0
6060	9:35:19 AM	0.035	0.0
6120	9:36:19 AM	0.034	0.0
6180	9:37:19 AM	0.033	0.0
6240	9:38:19 AM	0.033	0.0
6300	9:39:19 AM	0.031	0.0
6360	9:40:19 AM	0.031	0.0
6420	9:41:19 AM	0.033	0.0
6480	9:42:19 AM	0.032	0.0
6540	9:43:19 AM	0.034	0.0
6600	9:44:19 AM	0.037	0.0
6660	9:45:19 AM	0.038	0.0
6720	9:46:19 AM	0.039	0.0
6780	9:47:19 AM	0.041	0.0
6840	9:48:19 AM	0.044	0.0
6900	9:49:19 AM	0.042	0.0
6960	9:50:19 AM	0.044	0.0
7020	9:51:19 AM	0.043	0.0
7080	9:52:19 AM	0.044	0.0
7140	9:53:19 AM	0.042	0.0
7200	9:54:19 AM	0.047	0.0

7260	9:55:19 AM	0.049	0.0
7320	9:56:19 AM	0.048	0.0
7380	9:57:19 AM	0.05	0.0
7440	9:58:19 AM	0.045	0.0
7500	9:59:19 AM	0.046	0.0
7560	10:00:19 AM	0.046	0.0
7620	10:01:19 AM	0.048	0.0
7680	10:02:19 AM	0.048	0.0
7740	10:03:19 AM	0.048	0.0
7800	10:04:19 AM	0.049	0.0
7860	10:05:19 AM	0.049	0.0
7920	10:06:19 AM	0.049	0.0
7980	10:07:19 AM	0.048	0.0
8040	10:08:19 AM	0.048	0.0
8100	10:09:19 AM	0.047	0.0
8160	10:10:19 AM	0.047	0.0
8220	10:11:19 AM	0.049	0.0
8280	10:12:19 AM	0.055	0.0
8340	10:13:19 AM	0.054	0.0
8400	10:14:19 AM	0.053	0.0
8460	10:15:19 AM	0.056	0.0
8520	10:16:19 AM	0.057	0.0
8580	10:17:19 AM	0.056	0.0
8640	10:18:19 AM	0.055	0.0
8700	10:19:19 AM	0.056	0.0
8760	10:20:19 AM	0.057	0.0
8820	10:21:19 AM	0.056	0.0
8880	10:22:19 AM	0.057	0.0
8940	10:23:19 AM	0.056	0.0
9000	10:24:19 AM	0.053	0.0
9060	10:25:19 AM	0.052	0.0
9120	10:26:19 AM	0.052	0.0
9180	10:27:19 AM	0.054	0.0
9240	10:28:19 AM	0.053	0.0
9300	10:29:19 AM	0.052	0.0
9360	10:30:19 AM	0.052	0.0
9420	10:31:19 AM	0.053	0.0
9480	10:32:19 AM	0.053	0.0
9540	10:33:19 AM	0.052	0.0
9600	10:34:19 AM	0.052	0.0
9660	10:35:19 AM	0.05	0.0
9720	10:36:19 AM	0.053	0.0
9780	10:37:19 AM	0.053	0.0
9840	10:38:19 AM	0.053	0.0
9900	10:39:19 AM	0.055	0.0
9960	10:40:19 AM	0.057	0.0
10020	10:41:19 AM	0.059	0.0

10080	10:42:19 AM	0.058	0.0
10140	10:43:19 AM	0.057	0.0
10200	10:44:19 AM	0.057	0.0
10260	10:45:19 AM	0.058	0.0
10320	10:46:19 AM	0.059	0.0
10380	10:47:19 AM	0.056	0.0
10440	10:48:19 AM	0.056	0.0
10500	10:49:19 AM	0.056	0.0
10560	10:50:19 AM	0.056	0.0
10620	10:51:19 AM	0.06	0.0
10680	10:52:19 AM	0.06	0.0
10740	10:53:19 AM	0.059	0.0
10800	10:54:19 AM	0.058	0.0
10860	10:55:19 AM	0.059	0.0
10920	10:56:19 AM	0.062	0.0
10980	10:57:19 AM	0.062	0.0
11040	10:58:19 AM	0.061	0.0
11100	10:59:19 AM	0.06	0.0
11160	11:00:19 AM	0.058	0.0
11220	11:01:19 AM	0.058	0.0
11280	11:02:19 AM	0.059	0.0
11340	11:03:19 AM	0.059	0.0
11400	11:04:19 AM	0.057	0.0
11460	11:05:19 AM	0.057	0.0
11520	11:06:19 AM	0.058	0.0
11580	11:07:19 AM	0.058	0.0
11640	11:08:19 AM	0.058	0.0
11700	11:09:19 AM	0.058	0.0
11760	11:10:19 AM	0.058	0.0
11820	11:11:19 AM	0.059	0.0
11880	11:12:19 AM	0.06	0.0
11940	11:13:19 AM	0.059	0.0
12000	11:14:19 AM	0.058	0.0
12060	11:15:19 AM	0.057	0.0
12120	11:16:19 AM	0.058	0.0
12180	11:17:19 AM	0.059	0.0
12240	11:18:19 AM	0.058	0.0
12300	11:19:19 AM	0.057	0.0
12360	11:20:19 AM	0.056	0.0
12420	11:21:19 AM	0.054	0.0
12480	11:22:19 AM	0.056	0.0
12540	11:23:19 AM	0.058	0.0
12600	11:24:19 AM	0.058	0.0
12660	11:25:19 AM	0.056	0.0
12720	11:26:19 AM	0.056	0.0
12780	11:27:19 AM	0.055	0.0
12840	11:28:19 AM	0.057	0.0

12900	11:29:19 AM	0.055	0.0
12960	11:30:19 AM	0.055	0.0
13020	11:31:19 AM	0.056	0.0
13080	11:32:19 AM	0.056	0.0
13140	11:33:19 AM	0.055	0.0
13200	11:34:19 AM	0.05	0.0
13260	11:35:19 AM	0.047	0.0
13320	11:36:19 AM	0.049	0.0
13380	11:37:19 AM	0.046	0.0
13440	11:38:19 AM	0.045	0.0
13500	11:39:19 AM	0.042	0.0
13560	11:40:19 AM	0.041	0.0
13620	11:41:19 AM	0.041	0.0
13680	11:42:19 AM	0.04	0.0
13740	11:43:19 AM	0.04	0.0
13800	11:44:19 AM	0.038	0.0
13860	11:45:19 AM	0.042	0.0
13920	11:46:19 AM	0.041	0.0
13980	11:47:19 AM	0.047	0.0
14040	11:48:19 AM	0.047	0.0
14100	11:49:19 AM	0.036	0.0
14160	11:50:19 AM	0.036	0.0
14220	11:51:19 AM	0.031	0.0
14280	11:52:19 AM	0.034	0.0
14340	11:53:19 AM	0.032	0.0
14400	11:54:19 AM	0.031	0.0
14460	11:55:19 AM	0.03	0.0
14520	11:56:19 AM	0.031	0.0
14580	11:57:19 AM	0.031	0.0
14640	11:58:19 AM	0.032	0.0
14700	11:59:19 AM	0.031	0.0
14760	12:00:19 PM	0.032	0.0
14820	12:01:19 PM	0.028	0.0
14880	12:02:19 PM	0.028	0.0
14940	12:03:19 PM	0.03	0.0
15000	12:04:19 PM	0.032	0.0
15060	12:05:19 PM	0.041	0.0
15120	12:06:19 PM	0.039	0.0
15180	12:07:19 PM	0.04	0.0
15240	12:08:19 PM	0.037	0.0
15300	12:09:19 PM	0.037	0.0
15360	12:10:19 PM	0.041	0.0
15420	12:11:19 PM	0.042	0.0
15480	12:12:19 PM	0.045	0.0
15540	12:13:19 PM	0.046	0.0
15600	12:14:19 PM	0.048	0.0
15660	12:15:19 PM	0.049	0.0

15720	12:16:19 PM	0.049	0.0	
15780	12:17:19 PM	0.048	0.0	
15840	12:18:19 PM	0.048	0.0	
15900	12:19:19 PM	0.049	0.0	
15960	12:20:19 PM	0.049	0.0	
16020	12:21:19 PM	0.048	0.0	
16080	12:22:19 PM	0.048	0.0	
16140	12:23:19 PM	0.047	0.0	
16200	12:24:19 PM	0.045	0.0	
16260	12:25:19 PM	0.003	0.0	Flow Error