



**DAILY STATUS REPORT**

**Prepared By:** Alex Keenan

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy	X	Bright Sun	Wind
TEMP.	< 32		32-50	X	50-70		70-85		>85	WNW- 6 mph

<b>IEC Project No:</b>	13928	<b>NYSDEC BCP Site No:</b>	C224367	<b>Date:</b>	2/27/23
<b>Project:</b>	251 Douglass Street, Brooklyn, NY				

<p><b>Consultant:</b> Impact Environmental Engineering and Geology, PLLC (IEEG)</p> <p>Time On: 06:30 Time Out: 14:40</p>	<p><b>Personnel On Site:</b> IEEG (Environmental) – Alex Keenan PG Environmental Services, Inc– Drilling Contractor</p> <p><b>Equipment On Site: Geoprobe Drill Rig 7822DT (2x)</b></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;
- Installation of cluster wells downgradient of borings impact with MGP Coal Tar.

**Site Activities:**

- Camp was initiated at 8:00 am;
- Borings DB-24 and DB-25 were continued to be advanced. Neither boring was advanced to its' terminal depth, DB-24 was advanced to 75 feet bgs and DB-25 was advanced to 80 feet bgs. Both borings were covered in poly at the end of the days activities;
- In DB-24, MGP Coal Tar was observed beginning at 40 feet bgs. Samples were collected from 40-42', 50-52', 65-67' and the 70-72' intervals;
- In DB-25, MGP Coal Tar was observed beginning at 38 feet bgs. Samples were collected from 37-39', 40-42', 45-47', 55-57', 60-62', and the 65-67' intervals;
- 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 day's 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/m<sup>3</sup>) 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 = \_\_.037\_\_ mg/m<sup>3</sup> @ 07:55
- High Conditions (Upwind) – PID = \_\_0.0\_\_ ppm, Dust = \_0.037 mg/m<sup>3</sup> @ 07:55
- High Conditions (Downwind) – PID = \_\_0.0\_\_ ppm, Dust = 0.035 mg/m<sup>3</sup> @ 9:24

**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  
view of the  
Site at the  
start of the  
days activities.





**Photo 2-**  
Representative  
view of  
material  
impacted with  
MGP Coal Tar  
at boring DB-  
25, within the  
60-65' interval.





**Photo 3-**  
Photo of  
boring DB-25  
impacted with  
MGP Coal Tar  
at the 60-65'  
interval.





**Photo 3-**  
Representative  
view of the  
Site at the end  
of the day's  
activities.



## Site Plan

251 Douglass Street, Brooklyn, NY







## **UPWIND 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_002
Test Start Time	7:54:47 AM
Test Start Date	2/27/2023
Test Length [D:H:M]	0:05:44
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.037
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	397

Elapsed Time [s]	time	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
0	7:54:47 AM				
60	7:55:47 AM	0.037		0.0	
120	7:56:47 AM	0.019		0.0	
180	7:57:47 AM	0.019		0.0	
240	7:58:47 AM	0.019		0.0	
300	7:59:47 AM	0.02		0.0	
360	8:00:47 AM	0.021		0.0	
420	8:01:47 AM	0.021		0.0	
480	8:02:47 AM	0.021		0.0	
540	8:03:47 AM	0.02		0.0	
600	8:04:47 AM	0.02		0.0	
660	8:05:47 AM	0.021		0.0	
720	8:06:47 AM	0.02		0.0	
780	8:07:47 AM	0.022		0.0	
840	8:08:47 AM	0.02		0.0	
900	8:09:47 AM	0.024		0.0	
960	8:10:47 AM	0.021		0.0	
1020	8:11:47 AM	0.02		0.0	
1080	8:12:47 AM	0.023		0.0	
1140	8:13:47 AM	0.019		0.0	
1200	8:14:47 AM	0.02		0.0	
1260	8:15:47 AM	0.022		0.0	
1320	8:16:47 AM	0.02		0.0	
1380	8:17:47 AM	0.019		0.0	
1440	8:18:47 AM	0.019		0.0	
1500	8:19:47 AM	0.019		0.0	
1560	8:20:47 AM	0.021		0.0	

1620	8:21:47 AM	0.026	0.0
1680	8:22:47 AM	0.027	0.0
1740	8:23:47 AM	0.025	0.0
1800	8:24:47 AM	0.02	0.0
1860	8:25:47 AM	0.027	0.0
1920	8:26:47 AM	0.025	0.0
1980	8:27:47 AM	0.021	0.0
2040	8:28:47 AM	0.02	0.0
2100	8:29:47 AM	0.02	0.0
2160	8:30:47 AM	0.02	0.0
2220	8:31:47 AM	0.022	0.0
2280	8:32:47 AM	0.021	0.0
2340	8:33:47 AM	0.021	0.0
2400	8:34:47 AM	0.02	0.0
2460	8:35:47 AM	0.02	0.0
2520	8:36:47 AM	0.02	0.0
2580	8:37:47 AM	0.019	0.0
2640	8:38:47 AM	0.019	0.0
2700	8:39:47 AM	0.017	0.0
2760	8:40:47 AM	0.017	0.0
2820	8:41:47 AM	0.017	0.0
2880	8:42:47 AM	0.019	0.0
2940	8:43:47 AM	0.018	0.0
3000	8:44:47 AM	0.018	0.0
3060	8:45:47 AM	0.02	0.0
3120	8:46:47 AM	0.022	0.0
3180	8:47:47 AM	0.021	0.0
3240	8:48:47 AM	0.021	0.0
3300	8:49:47 AM	0.022	0.0
3360	8:50:47 AM	0.022	0.0
3420	8:51:47 AM	0.019	0.0
3480	8:52:47 AM	0.019	0.0
3540	8:53:47 AM	0.023	0.0
3600	8:54:47 AM	0.022	0.0
3660	8:55:47 AM	0.018	0.0
3720	8:56:47 AM	0.018	0.0
3780	8:57:47 AM	0.018	0.0
3840	8:58:47 AM	0.017	0.0
3900	8:59:47 AM	0.018	0.0
3960	9:00:47 AM	0.023	0.0
4020	9:01:47 AM	0.025	0.0
4080	9:02:47 AM	0.025	0.0
4140	9:03:47 AM	0.016	0.0
4200	9:04:47 AM	0.016	0.0
4260	9:05:47 AM	0.017	0.0
4320	9:06:47 AM	0.017	0.0
4380	9:07:47 AM	0.017	0.0



4440	9:08:47 AM	0.018	0.0
4500	9:09:47 AM	0.018	0.0
4560	9:10:47 AM	0.018	0.0
4620	9:11:47 AM	0.018	0.0
4680	9:12:47 AM	0.018	0.0
4740	9:13:47 AM	0.018	0.0
4800	9:14:47 AM	0.019	0.0
4860	9:15:47 AM	0.019	0.0
4920	9:16:47 AM	0.018	0.0
4980	9:17:47 AM	0.018	0.0
5040	9:18:47 AM	0.019	0.0
5100	9:19:47 AM	0.019	0.0
5160	9:20:47 AM	0.019	0.0
5220	9:21:47 AM	0.021	0.0
5280	9:22:47 AM	0.019	0.0
5340	9:23:47 AM	0.017	0.0
5400	9:24:47 AM	0.017	0.0
5460	9:25:47 AM	0.017	0.0
5520	9:26:47 AM	0.017	0.0
5580	9:27:47 AM	0.017	0.0
5640	9:28:47 AM	0.017	0.0
5700	9:29:47 AM	0.018	0.0
5760	9:30:47 AM	0.018	0.0
5820	9:31:47 AM	0.018	0.0
5880	9:32:47 AM	0.018	0.0
5940	9:33:47 AM	0.018	0.0
6000	9:34:47 AM	0.018	0.0
6060	9:35:47 AM	0.018	0.0
6120	9:36:47 AM	0.017	0.0
6180	9:37:47 AM	0.016	0.0
6240	9:38:47 AM	0.017	0.0
6300	9:39:47 AM	0.019	0.0
6360	9:40:47 AM	0.016	0.0
6420	9:41:47 AM	0.017	0.0
6480	9:42:47 AM	0.016	0.0
6540	9:43:47 AM	0.017	0.0
6600	9:44:47 AM	0.017	0.0
6660	9:45:47 AM	0.016	0.0
6720	9:46:47 AM	0.016	0.0
6780	9:47:47 AM	0.016	0.0
6840	9:48:47 AM	0.015	0.0
6900	9:49:47 AM	0.016	0.0
6960	9:50:47 AM	0.017	0.0
7020	9:51:47 AM	0.016	0.0
7080	9:52:47 AM	0.022	0.0
7140	9:53:47 AM	0.016	0.0
7200	9:54:47 AM	0.016	0.0

7260	9:55:47 AM	0.016	0.0
7320	9:56:47 AM	0.02	0.0
7380	9:57:47 AM	0.022	0.0
7440	9:58:47 AM	0.017	0.0
7500	9:59:47 AM	0.017	0.0
7560	10:00:47 AM	0.02	0.0
7620	10:01:47 AM	0.018	0.0
7680	10:02:47 AM	0.019	0.0
7740	10:03:47 AM	0.018	0.0
7800	10:04:47 AM	0.022	0.0
7860	10:05:47 AM	0.02	0.0
7920	10:06:47 AM	0.019	0.0
7980	10:07:47 AM	0.021	0.0
8040	10:08:47 AM	0.023	0.0
8100	10:09:47 AM	0.02	0.0
8160	10:10:47 AM	0.025	0.0
8220	10:11:47 AM	0.023	0.0
8280	10:12:47 AM	0.023	0.0
8340	10:13:47 AM	0.022	0.0
8400	10:14:47 AM	0.018	0.0
8460	10:15:47 AM	0.017	0.0
8520	10:16:47 AM	0.017	0.0
8580	10:17:47 AM	0.017	0.0
8640	10:18:47 AM	0.017	0.0
8700	10:19:47 AM	0.017	0.0
8760	10:20:47 AM	0.017	0.0
8820	10:21:47 AM	0.017	0.0
8880	10:22:47 AM	0.017	0.0
8940	10:23:47 AM	0.017	0.0
9000	10:24:47 AM	0.018	0.0
9060	10:25:47 AM	0.018	0.0
9120	10:26:47 AM	0.017	0.0
9180	10:27:47 AM	0.018	0.0
9240	10:28:47 AM	0.018	0.0
9300	10:29:47 AM	0.018	0.0
9360	10:30:47 AM	0.019	0.0
9420	10:31:47 AM	0.019	0.0
9480	10:32:47 AM	0.023	0.0
9540	10:33:47 AM	0.021	0.0
9600	10:34:47 AM	0.025	0.0
9660	10:35:47 AM	0.02	0.0
9720	10:36:47 AM	0.019	0.0
9780	10:37:47 AM	0.019	0.0
9840	10:38:47 AM	0.023	0.0
9900	10:39:47 AM	0.023	0.0
9960	10:40:47 AM	0.019	0.0
10020	10:41:47 AM	0.018	0.0



10080	10:42:47 AM	0.018	0.0
10140	10:43:47 AM	0.018	0.0
10200	10:44:47 AM	0.018	0.0
10260	10:45:47 AM	0.018	0.0
10320	10:46:47 AM	0.018	0.0
10380	10:47:47 AM	0.018	0.0
10440	10:48:47 AM	0.018	0.0
10500	10:49:47 AM	0.018	0.0
10560	10:50:47 AM	0.019	0.0
10620	10:51:47 AM	0.024	0.0
10680	10:52:47 AM	0.024	0.0
10740	10:53:47 AM	0.025	0.0
10800	10:54:47 AM	0.024	0.0
10860	10:55:47 AM	0.024	0.0
10920	10:56:47 AM	0.024	0.0
10980	10:57:47 AM	0.023	0.0
11040	10:58:47 AM	0.022	0.0
11100	10:59:47 AM	0.021	0.0
11160	11:00:47 AM	0.022	0.0
11220	11:01:47 AM	0.022	0.0
11280	11:02:47 AM	0.022	0.0
11340	11:03:47 AM	0.022	0.0
11400	11:04:47 AM	0.023	0.0
11460	11:05:47 AM	0.026	0.0
11520	11:06:47 AM	0.023	0.0
11580	11:07:47 AM	0.022	0.0
11640	11:08:47 AM	0.023	0.0
11700	11:09:47 AM	0.023	0.0
11760	11:10:47 AM	0.024	0.0
11820	11:11:47 AM	0.03	0.0
11880	11:12:47 AM	0.033	0.0
11940	11:13:47 AM	0.03	0.0
12000	11:14:47 AM	0.029	0.0
12060	11:15:47 AM	0.03	0.0
12120	11:16:47 AM	0.031	0.0
12180	11:17:47 AM	0.029	0.0
12240	11:18:47 AM	0.025	0.0
12300	11:19:47 AM	0.026	0.0
12360	11:20:47 AM	0.026	0.0
12420	11:21:47 AM	0.026	0.0
12480	11:22:47 AM	0.026	0.0
12540	11:23:47 AM	0.025	0.0
12600	11:24:47 AM	0.025	0.0
12660	11:25:47 AM	0.024	0.0
12720	11:26:47 AM	0.026	0.0
12780	11:27:47 AM	0.027	0.0
12840	11:28:47 AM	0.027	0.0

12900	11:29:47 AM	0.029	0.0
12960	11:30:47 AM	0.029	0.0
13020	11:31:47 AM	0.028	0.0
13080	11:32:47 AM	0.028	0.0
13140	11:33:47 AM	0.029	0.0
13200	11:34:47 AM	0.028	0.0
13260	11:35:47 AM	0.028	0.0
13320	11:36:47 AM	0.028	0.0
13380	11:37:47 AM	0.028	0.0
13440	11:38:47 AM	0.028	0.0
13500	11:39:47 AM	0.028	0.0
13560	11:40:47 AM	0.028	0.0
13620	11:41:47 AM	0.028	0.0
13680	11:42:47 AM	0.028	0.0
13740	11:43:47 AM	0.028	0.0
13800	11:44:47 AM	0.028	0.0
13860	11:45:47 AM	0.028	0.0
13920	11:46:47 AM	0.027	0.0
13980	11:47:47 AM	0.027	0.0
14040	11:48:47 AM	0.027	0.0
14100	11:49:47 AM	0.028	0.0
14160	11:50:47 AM	0.029	0.0
14220	11:51:47 AM	0.028	0.0
14280	11:52:47 AM	0.029	0.0
14340	11:53:47 AM	0.028	0.0
14400	11:54:47 AM	0.028	0.0
14460	11:55:47 AM	0.027	0.0
14520	11:56:47 AM	0.027	0.0
14580	11:57:47 AM	0.028	0.0
14640	11:58:47 AM	0.027	0.0
14700	11:59:47 AM	0.028	0.0
14760	12:00:47 PM	0.028	0.0
14820	12:01:47 PM	0.031	0.0
14880	12:02:47 PM	0.028	0.0
14940	12:03:47 PM	0.028	0.0
15000	12:04:47 PM	0.027	0.0
15060	12:05:47 PM	0.027	0.0
15120	12:06:47 PM	0.028	0.0
15180	12:07:47 PM	0.029	0.0
15240	12:08:47 PM	0.028	0.0
15300	12:09:47 PM	0.028	0.0
15360	12:10:47 PM	0.025	0.0
15420	12:11:47 PM	0.025	0.0
15480	12:12:47 PM	0.025	0.0
15540	12:13:47 PM	0.025	0.0
15600	12:14:47 PM	0.025	0.0
15660	12:15:47 PM	0.026	0.0

15720	12:16:47 PM	0.025	0.0
15780	12:17:47 PM	0.026	0.0
15840	12:18:47 PM	0.024	0.0
15900	12:19:47 PM	0.024	0.0
15960	12:20:47 PM	0.024	0.0
16020	12:21:47 PM	0.024	0.0
16080	12:22:47 PM	0.023	0.0
16140	12:23:47 PM	0.023	0.0
16200	12:24:47 PM	0.024	0.0
16260	12:25:47 PM	0.024	0.0
16320	12:26:47 PM	0.025	0.0
16380	12:27:47 PM	0.023	0.0
16440	12:28:47 PM	0.023	0.0
16500	12:29:47 PM	0.023	0.0
16560	12:30:47 PM	0.023	0.0
16620	12:31:47 PM	0.023	0.0
16680	12:32:47 PM	0.023	0.0
16740	12:33:47 PM	0.023	0.0
16800	12:34:47 PM	0.023	0.0
16860	12:35:47 PM	0.026	0.0
16920	12:36:47 PM	0.023	0.0
16980	12:37:47 PM	0.021	0.0
17040	12:38:47 PM	0.021	0.0
17100	12:39:47 PM	0.02	0.0
17160	12:40:47 PM	0.02	0.0
17220	12:41:47 PM	0.02	0.0
17280	12:42:47 PM	0.02	0.0
17340	12:43:47 PM	0.02	0.0
17400	12:44:47 PM	0.021	0.0
17460	12:45:47 PM	0.02	0.0
17520	12:46:47 PM	0.02	0.0
17580	12:47:47 PM	0.02	0.0
17640	12:48:47 PM	0.019	0.0
17700	12:49:47 PM	0.02	0.0
17760	12:50:47 PM	0.022	0.0
17820	12:51:47 PM	0.022	0.0
17880	12:52:47 PM	0.022	0.0
17940	12:53:47 PM	0.021	0.0
18000	12:54:47 PM	0.022	0.0
18060	12:55:47 PM	0.021	0.0
18120	12:56:47 PM	0.024	0.0
18180	12:57:47 PM	0.026	0.0
18240	12:58:47 PM	0.024	0.0
18300	12:59:47 PM	0.022	0.0
18360	1:00:47 PM	0.022	0.0
18420	1:01:47 PM	0.022	0.0
18480	1:02:47 PM	0.022	0.0

18540	1:03:47 PM	0.021	0.0
18600	1:04:47 PM	0.021	0.0
18660	1:05:47 PM	0.023	0.0
18720	1:06:47 PM	0.021	0.0
18780	1:07:47 PM	0.022	0.0
18840	1:08:47 PM	0.02	0.0
18900	1:09:47 PM	0.02	0.0
18960	1:10:47 PM	0.02	0.0
19020	1:11:47 PM	0.02	0.0
19080	1:12:47 PM	0.02	0.0
19140	1:13:47 PM	0.02	0.0
19200	1:14:47 PM	0.02	0.0
19260	1:15:47 PM	0.019	0.0
19320	1:16:47 PM	0.02	0.0
19380	1:17:47 PM	0.019	0.0
19440	1:18:47 PM	0.019	0.0
19500	1:19:47 PM	0.02	0.0
19560	1:20:47 PM	0.02	0.0
19620	1:21:47 PM	0.021	0.0
19680	1:22:47 PM	0.02	0.0
19740	1:23:47 PM	0.02	0.0
19800	1:24:47 PM	0.021	0.0
19860	1:25:47 PM	0.021	0.0
19920	1:26:47 PM	0.019	0.0
19980	1:27:47 PM	0.019	0.0
20040	1:28:47 PM	0.02	0.0
20100	1:29:47 PM	0.021	0.0
20160	1:30:47 PM	0.02	0.0
20220	1:31:47 PM	0.02	0.0
20280	1:32:47 PM	0.02	0.0
20340	1:33:47 PM	0.021	0.0
20400	1:34:47 PM	0.022	0.0
20460	1:35:47 PM	0.022	0.0
20520	1:36:47 PM	0.02	0.0
20580	1:37:47 PM	0.022	0.0
20640	1:38:47 PM	0.022	0.0
20700	1:39:47 PM	0.02	0.0
20760	1:40:47 PM	0.02	0.0
20820	1:41:47 PM	0.022	0.0
20880	1:42:47 PM	0.022	0.0
20940	1:43:47 PM	0.02	0.0
21000	1:44:47 PM	0.022	0.0
21060	1:45:47 PM	0.019	0.0
21120	1:46:47 PM	0.02	0.0
21180	1:47:47 PM	0.019	0.0
21240	1:48:47 PM	0.022	0.0
21300	1:49:47 PM	0.019	0.0



21360	1:50:47 PM	0.02	0.0
21420	1:51:47 PM	0.02	0.0
21480	1:52:47 PM	0.02	0.0
21540	1:53:47 PM	0.019	0.0
21600	1:54:47 PM	0.02	0.0
21660	1:55:47 PM	0.02	0.0
21720	1:56:47 PM	0.02	0.0
21780	1:57:47 PM	0.02	0.0
21840	1:58:47 PM	0.02	0.0
21900	1:59:47 PM	0.02	0.0
21960	2:00:47 PM	0.02	0.0
22020	2:01:47 PM	0.02	0.0
22080	2:02:47 PM	0.021	0.0
22140	2:03:47 PM	0.02	0.0
22200	2:04:47 PM	0.02	0.0
22260	2:05:47 PM	0.02	0.0
22320	2:06:47 PM	0.021	0.0
22380	2:07:47 PM	0.02	0.0
22440	2:08:47 PM	0.021	0.0
22500	2:09:47 PM	0.019	0.0
22560	2:10:47 PM	0.021	0.0
22620	2:11:47 PM	0.019	0.0
22680	2:12:47 PM	0.021	0.0
22740	2:13:47 PM	0.021	0.0
22800	2:14:47 PM	0.02	0.0
22860	2:15:47 PM	0.02	0.0
22920	2:16:47 PM	0.021	0.0
22980	2:17:47 PM	0.02	0.0
23040	2:18:47 PM	0.019	0.0
23100	2:19:47 PM	0.021	0.0
23160	2:20:47 PM	0.019	0.0
23220	2:21:47 PM	0.02	0.0
23280	2:22:47 PM	0.019	0.0
23340	2:23:47 PM	0.02	0.0
23400	2:24:47 PM	0.019	0.0
23460	2:25:47 PM	0.021	0.0
23520	2:26:47 PM	0.021	0.0
23580	2:27:47 PM	0.019	0.0
23640	2:28:47 PM	0.021	0.0
23700	2:29:47 PM	0.019	0.0
23760	2:30:47 PM	0.019	0.0
23820	2:31:47 PM	0.021	0.0

**DOWNWIND 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_002
Test Start Time	7:59:26 AM
Test Start Date	2/27/2023
Test Length [D:H:M]	0:05:43
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	-0.089
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	391

Elapsed Time [s]	time	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
0	7:59:26 AM				
60	8:00:26 AM	0.027		0.0	
120	8:01:26 AM	0.02		0.0	
180	8:02:26 AM	0.023		0.0	
240	8:03:26 AM	0.02		0.0	
300	8:04:26 AM	0.022		0.0	
360	8:05:26 AM	0.021		0.0	
420	8:06:26 AM	0.019		0.0	
480	8:07:26 AM	0.018		0.0	
540	8:08:26 AM	0.019		0.0	
600	8:09:26 AM	0.019		0.0	
660	8:10:26 AM	0.026		0.0	
720	8:11:26 AM	0.023		0.0	
780	8:12:26 AM	0.021		0.0	
840	8:13:26 AM	0.019		0.0	
900	8:14:26 AM	0.02		0.0	
960	8:15:26 AM	0.018		0.0	
1020	8:16:26 AM	0.004		0.0	
1080	8:17:26 AM	0.002		0.0	
1140	8:18:26 AM	0.006		0.0	
1200	8:19:26 AM	0.01		0.0	
1260	8:20:26 AM	0.007		0.0	
1320	8:21:26 AM	-0.011		0.0	
1380	8:22:26 AM	0.022		0.0	
1440	8:23:26 AM	0.032		0.0	
1500	8:24:26 AM	0.03		0.0	
1560	8:25:26 AM	0.023		0.0	

1620	8:26:26 AM	-0.002	0.0
1680	8:27:26 AM	0.021	0.0
1740	8:28:26 AM	0.021	0.0
1800	8:29:26 AM	0.02	0.0
1860	8:30:26 AM	0.018	0.0
1920	8:31:26 AM	0.018	0.0
1980	8:32:26 AM	0.018	0.0
2040	8:33:26 AM	0.019	0.0
2100	8:34:26 AM	0.026	0.0
2160	8:35:26 AM	0.022	0.0
2220	8:36:26 AM	0.019	0.0
2280	8:37:26 AM	0.018	0.0
2340	8:38:26 AM	0.019	0.0
2400	8:39:26 AM	0.018	0.0
2460	8:40:26 AM	0.018	0.0
2520	8:41:26 AM	0.017	0.0
2580	8:42:26 AM	0.016	0.0
2640	8:43:26 AM	0.017	0.0
2700	8:44:26 AM	0.02	0.0
2760	8:45:26 AM	0.017	0.0
2820	8:46:26 AM	0.024	0.0
2880	8:47:26 AM	0.022	0.0
2940	8:48:26 AM	0.03	0.0
3000	8:49:26 AM	0.032	0.0
3060	8:50:26 AM	0.026	0.0
3120	8:51:26 AM	0.026	0.0
3180	8:52:26 AM	0.026	0.0
3240	8:53:26 AM	0.023	0.0
3300	8:54:26 AM	0.029	0.0
3360	8:55:26 AM	0.03	0.0
3420	8:56:26 AM	0.024	0.0
3480	8:57:26 AM	0.019	0.0
3540	8:58:26 AM	0.017	0.0
3600	8:59:26 AM	0.017	0.0
3660	9:00:26 AM	0.016	0.0
3720	9:01:26 AM	0.019	0.0
3780	9:02:26 AM	0.026	0.0
3840	9:03:26 AM	0.02	0.0
3900	9:04:26 AM	0.017	0.0
3960	9:05:26 AM	0.018	0.0
4020	9:06:26 AM	0.018	0.0
4080	9:07:26 AM	0.017	0.0
4140	9:08:26 AM	0.017	0.0
4200	9:09:26 AM	0.017	0.0
4260	9:10:26 AM	0.017	0.0
4320	9:11:26 AM	0.016	0.0
4380	9:12:26 AM	0.019	0.0



4440	9:13:26 AM	0.018	0.0
4500	9:14:26 AM	0.022	0.0
4560	9:15:26 AM	0.021	0.0
4620	9:16:26 AM	0.022	0.0
4680	9:17:26 AM	0.022	0.0
4740	9:18:26 AM	0.02	0.0
4800	9:19:26 AM	0.019	0.0
4860	9:20:26 AM	0.019	0.0
4920	9:21:26 AM	0.022	0.0
4980	9:22:26 AM	0.025	0.0
5040	9:23:26 AM	0.03	0.0
5100	9:24:26 AM	0.035	0.0
5160	9:25:26 AM	0.019	0.0
5220	9:26:26 AM	0.016	0.0
5280	9:27:26 AM	0.016	0.0
5340	9:28:26 AM	0.016	0.0
5400	9:29:26 AM	0.016	0.0
5460	9:30:26 AM	0.016	0.0
5520	9:31:26 AM	0.016	0.0
5580	9:32:26 AM	0.017	0.0
5640	9:33:26 AM	0.017	0.0
5700	9:34:26 AM	0.017	0.0
5760	9:35:26 AM	0.017	0.0
5820	9:36:26 AM	0.017	0.0
5880	9:37:26 AM	0.017	0.0
5940	9:38:26 AM	0.016	0.0
6000	9:39:26 AM	0.016	0.0
6060	9:40:26 AM	0.022	0.0
6120	9:41:26 AM	0.023	0.0
6180	9:42:26 AM	0.017	0.0
6240	9:43:26 AM	0.016	0.0
6300	9:44:26 AM	0.015	0.0
6360	9:45:26 AM	0.016	0.0
6420	9:46:26 AM	0.016	0.0
6480	9:47:26 AM	0.016	0.0
6540	9:48:26 AM	0.015	0.0
6600	9:49:26 AM	0.014	0.0
6660	9:50:26 AM	0.014	0.0
6720	9:51:26 AM	0.015	0.0
6780	9:52:26 AM	0.016	0.0
6840	9:53:26 AM	0.015	0.0
6900	9:54:26 AM	0.033	0.0
6960	9:55:26 AM	0.018	0.0
7020	9:56:26 AM	0.015	0.0
7080	9:57:26 AM	0.016	0.0
7140	9:58:26 AM	0.028	0.0
7200	9:59:26 AM	0.023	0.0

7260	10:00:26 AM	0.016	0.0
7320	10:01:26 AM	0.016	0.0
7380	10:02:26 AM	0.017	0.0
7440	10:03:26 AM	0.019	0.0
7500	10:04:26 AM	0.025	0.0
7560	10:05:26 AM	0.024	0.0
7620	10:06:26 AM	0.028	0.0
7680	10:07:26 AM	0.023	0.0
7740	10:08:26 AM	0.023	0.0
7800	10:09:26 AM	0.035	0.0
7860	10:10:26 AM	0.031	0.0
7920	10:11:26 AM	0.03	0.0
7980	10:12:26 AM	0.034	0.0
8040	10:13:26 AM	0.033	0.0
8100	10:14:26 AM	0.022	0.0
8160	10:15:26 AM	0.018	0.0
8220	10:16:26 AM	0.017	0.0
8280	10:17:26 AM	0.016	0.0
8340	10:18:26 AM	0.016	0.0
8400	10:19:26 AM	0.016	0.0
8460	10:20:26 AM	0.016	0.0
8520	10:21:26 AM	0.016	0.0
8580	10:22:26 AM	0.016	0.0
8640	10:23:26 AM	0.016	0.0
8700	10:24:26 AM	0.016	0.0
8760	10:25:26 AM	0.016	0.0
8820	10:26:26 AM	0.016	0.0
8880	10:27:26 AM	0.017	0.0
8940	10:28:26 AM	0.017	0.0
9000	10:29:26 AM	0.017	0.0
9060	10:30:26 AM	0.017	0.0
9120	10:31:26 AM	0.017	0.0
9180	10:32:26 AM	0.02	0.0
9240	10:33:26 AM	0.025	0.0
9300	10:34:26 AM	0.024	0.0
9360	10:35:26 AM	0.023	0.0
9420	10:36:26 AM	0.023	0.0
9480	10:37:26 AM	0.022	0.0
9540	10:38:26 AM	0.021	0.0
9600	10:39:26 AM	0.019	0.0
9660	10:40:26 AM	0.018	0.0
9720	10:41:26 AM	0.02	0.0
9780	10:42:26 AM	0.019	0.0
9840	10:43:26 AM	0.018	0.0
9900	10:44:26 AM	0.018	0.0
9960	10:45:26 AM	0.017	0.0
10020	10:46:26 AM	0.017	0.0

10080	10:47:26 AM	0.016	0.0
10140	10:48:26 AM	0.017	0.0
10200	10:49:26 AM	0.017	0.0
10260	10:50:26 AM	0.017	0.0
10320	10:51:26 AM	0.017	0.0
10380	10:52:26 AM	0.017	0.0
10440	10:53:26 AM	0.021	0.0
10500	10:54:26 AM	0.023	0.0
10560	10:55:26 AM	0.023	0.0
10620	10:56:26 AM	0.023	0.0
10680	10:57:26 AM	0.023	0.0
10740	10:58:26 AM	0.022	0.0
10800	10:59:26 AM	0.02	0.0
10860	11:00:26 AM	0.02	0.0
10920	11:01:26 AM	0.02	0.0
10980	11:02:26 AM	0	0.0
11040	11:03:26 AM	0.019	0.0
11100	11:04:26 AM	0.021	0.0
11160	11:05:26 AM	0.021	0.0
11220	11:06:26 AM	0.021	0.0
11280	11:07:26 AM	0.023	0.0
11340	11:08:26 AM	0.022	0.0
11400	11:09:26 AM	0.021	0.0
11460	11:10:26 AM	0.021	0.0
11520	11:11:26 AM	-0.076	0.0
11580	11:12:26 AM	-0.083	0.0
11640	11:13:26 AM	-0.086	0.0
11700	11:14:26 AM	-0.087	0.0
11760	11:15:26 AM	-0.087	0.0
11820	11:16:26 AM	-0.087	0.0
11880	11:17:26 AM	-0.087	0.0
11940	11:18:26 AM	-0.087	0.0
12000	11:19:26 AM	-0.087	0.0
12060	11:20:26 AM	-0.089	0.0
12120	11:21:26 AM	-0.088	0.0
12180	11:22:26 AM	-0.088	0.0
12240	11:23:26 AM	-0.088	0.0
12300	11:24:26 AM	-0.088	0.0
12360	11:25:26 AM	-0.088	0.0
12420	11:26:26 AM	-0.089	0.0
12480	11:27:26 AM	-0.089	0.0
12540	11:28:26 AM	-0.089	0.0
12600	11:29:26 AM	-0.089	0.0
12660	11:30:26 AM	-0.088	0.0
12720	11:31:26 AM	-0.088	0.0
12780	11:32:26 AM	-0.088	0.0
12840	11:33:26 AM	-0.088	0.0

12900	11:34:26 AM	-0.087	0.0
12960	11:35:26 AM	-0.087	0.0
13020	11:36:26 AM	-0.087	0.0
13080	11:37:26 AM	-0.087	0.0
13140	11:38:26 AM	-0.087	0.0
13200	11:39:26 AM	-0.087	0.0
13260	11:40:26 AM	-0.087	0.0
13320	11:41:26 AM	-0.087	0.0
13380	11:42:26 AM	-0.086	0.0
13440	11:43:26 AM	-0.085	0.0
13500	11:44:26 AM	-0.083	0.0
13560	11:45:26 AM	-0.081	0.0
13620	11:46:26 AM	-0.076	0.0
13680	11:47:26 AM	-0.073	0.0
13740	11:48:26 AM	-0.069	0.0
13800	11:49:26 AM	-0.064	0.0
13860	11:50:26 AM	-0.059	0.0
13920	11:51:26 AM	-0.052	0.0
13980	11:52:26 AM	-0.01	0.0
14040	11:53:26 AM	-0.009	0.0
14100	11:54:26 AM	0.026	0.0
14160	11:55:26 AM	0.025	0.0
14220	11:56:26 AM	0.026	0.0
14280	11:57:26 AM	0.024	0.0
14340	11:58:26 AM	0.025	0.0
14400	11:59:26 AM	0.024	0.0
14460	12:00:26 PM	0.02	0.0
14520	12:01:26 PM	0.018	0.0
14580	12:02:26 PM	0.015	0.0
14640	12:03:26 PM	0.017	0.0
14700	12:04:26 PM	0.026	0.0
14760	12:05:26 PM	0.024	0.0
14820	12:06:26 PM	0.024	0.0
14880	12:07:26 PM	0.024	0.0
14940	12:08:26 PM	0.022	0.0
15000	12:09:26 PM	0.023	0.0
15060	12:10:26 PM	0.024	0.0
15120	12:11:26 PM	0.023	0.0
15180	12:12:26 PM	0.018	0.0
15240	12:13:26 PM	0.017	0.0
15300	12:14:26 PM	0.017	0.0
15360	12:15:26 PM	0.02	0.0
15420	12:16:26 PM	0.02	0.0
15480	12:17:26 PM	0.017	0.0
15540	12:18:26 PM	0.013	0.0
15600	12:19:26 PM	0.018	0.0
15660	12:20:26 PM	0.02	0.0

15720	12:21:26 PM	0.02	0.0
15780	12:22:26 PM	0.019	0.0
15840	12:23:26 PM	0.02	0.0
15900	12:24:26 PM	0.018	0.0
15960	12:25:26 PM	0.018	0.0
16020	12:26:26 PM	0.02	0.0
16080	12:27:26 PM	0.021	0.0
16140	12:28:26 PM	0.021	0.0
16200	12:29:26 PM	0.021	0.0
16260	12:30:26 PM	0.02	0.0
16320	12:31:26 PM	0.02	0.0
16380	12:32:26 PM	0.02	0.0
16440	12:33:26 PM	0.019	0.0
16500	12:34:26 PM	0.02	0.0
16560	12:35:26 PM	0.02	0.0
16620	12:36:26 PM	0.029	0.0
16680	12:37:26 PM	0.033	0.0
16740	12:38:26 PM	0.026	0.0
16800	12:39:26 PM	0.019	0.0
16860	12:40:26 PM	0.02	0.0
16920	12:41:26 PM	0.017	0.0
16980	12:42:26 PM	0.015	0.0
17040	12:43:26 PM	0.017	0.0
17100	12:44:26 PM	0.017	0.0
17160	12:45:26 PM	0.016	0.0
17220	12:46:26 PM	0.018	0.0
17280	12:47:26 PM	0.015	0.0
17340	12:48:26 PM	0.017	0.0
17400	12:49:26 PM	0.017	0.0
17460	12:50:26 PM	0	0.0
17520	12:51:26 PM	-0.002	0.0
17580	12:52:26 PM	-0.006	0.0
17640	12:53:26 PM	-0.001	0.0
17700	12:54:26 PM	-0.002	0.0
17760	12:55:26 PM	0	0.0
17820	12:56:26 PM	0.007	0.0
17880	12:57:26 PM	0.015	0.0
17940	12:58:26 PM	0.033	0.0
18000	12:59:26 PM	0.031	0.0
18060	1:00:26 PM	0.023	0.0
18120	1:01:26 PM	0.019	0.0
18180	1:02:26 PM	0.018	0.0
18240	1:03:26 PM	0.018	0.0
18300	1:04:26 PM	0.019	0.0
18360	1:05:26 PM	0.018	0.0
18420	1:06:26 PM	0.024	0.0
18480	1:07:26 PM	0.025	0.0

18540	1:08:26 PM	0.019	0.0
18600	1:09:26 PM	0.017	0.0
18660	1:10:26 PM	0.015	0.0
18720	1:11:26 PM	0.015	0.0
18780	1:12:26 PM	0.015	0.0
18840	1:13:26 PM	0.014	0.0
18900	1:14:26 PM	0.014	0.0
18960	1:15:26 PM	0.012	0.0
19020	1:16:26 PM	0.01	0.0
19080	1:17:26 PM	0.013	0.0
19140	1:18:26 PM	0.016	0.0
19200	1:19:26 PM	0.013	0.0
19260	1:20:26 PM	0.016	0.0
19320	1:21:26 PM	0.017	0.0
19380	1:22:26 PM	0.017	0.0
19440	1:23:26 PM	0.018	0.0
19500	1:24:26 PM	0.017	0.0
19560	1:25:26 PM	0.018	0.0
19620	1:26:26 PM	0.019	0.0
19680	1:27:26 PM	0.018	0.0
19740	1:28:26 PM	0.016	0.0
19800	1:29:26 PM	0.017	0.0
19860	1:30:26 PM	0.018	0.0
19920	1:31:26 PM	0.021	0.0
19980	1:32:26 PM	0.018	0.0
20040	1:33:26 PM	0.017	0.0
20100	1:34:26 PM	0.018	0.0
20160	1:35:26 PM	0.018	0.0
20220	1:36:26 PM	0.019	0.0
20280	1:37:26 PM	0.019	0.0
20340	1:38:26 PM	0.019	0.0
20400	1:39:26 PM	0.019	0.0
20460	1:40:26 PM	0.019	0.0
20520	1:41:26 PM	0.019	0.0
20580	1:42:26 PM	0.02	0.0
20640	1:43:26 PM	0.019	0.0
20700	1:44:26 PM	0.02	0.0
20760	1:45:26 PM	0.019	0.0
20820	1:46:26 PM	0.019	0.0
20880	1:47:26 PM	0.02	0.0
20940	1:48:26 PM	0.019	0.0
21000	1:49:26 PM	0.02	0.0
21060	1:50:26 PM	0.02	0.0
21120	1:51:26 PM	0.019	0.0
21180	1:52:26 PM	0.02	0.0
21240	1:53:26 PM	0.02	0.0
21300	1:54:26 PM	0.019	0.0



21360	1:55:26 PM	0.019	0.0
21420	1:56:26 PM	0.019	0.0
21480	1:57:26 PM	0.019	0.0
21540	1:58:26 PM	0.017	0.0
21600	1:59:26 PM	0.017	0.0
21660	2:00:26 PM	0.019	0.0
21720	2:01:26 PM	0.017	0.0
21780	2:02:26 PM	0.019	0.0
21840	2:03:26 PM	0.017	0.0
21900	2:04:26 PM	0.019	0.0
21960	2:05:26 PM	0.017	0.0
22020	2:06:26 PM	0.019	0.0
22080	2:07:26 PM	0.019	0.0
22140	2:08:26 PM	0.017	0.0
22200	2:09:26 PM	0.018	0.0
22260	2:10:26 PM	0.017	0.0
22320	2:11:26 PM	0.018	0.0
22380	2:12:26 PM	0.018	0.0
22440	2:13:26 PM	0.018	0.0
22500	2:14:26 PM	0.018	0.0
22560	2:15:26 PM	0.018	0.0
22620	2:16:26 PM	0.018	0.0
22680	2:17:26 PM	0.018	0.0
22740	2:18:26 PM	0.018	0.0
22800	2:19:26 PM	0.018	0.0
22860	2:20:26 PM	0.018	0.0
22920	2:21:26 PM	0.018	0.0
22980	2:22:26 PM	0.018	0.0
23040	2:23:26 PM	0.02	0.0
23100	2:24:26 PM	0.02	0.0
23160	2:25:26 PM	0.02	0.0
23220	2:26:26 PM	0.02	0.0
23280	2:27:26 PM	0.02	0.0
23340	2:28:26 PM	0.02	0.0
23400	2:29:26 PM	0.02	0.0
23460	2:30:26 PM	0.02	0.0