

**DAILY STATUS REPORT****Prepared By:**

Thomas Jensen

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun		Wind
TEMP.	< 32		32-50	X	50-70		70-85		>85		NE -5 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	5/2/23
Project:	585 Union Street, Brooklyn, NY				

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 06:30

Time Out: 16:30

Personnel On Site:IEEG (Environmental) –Thomas Jensen
Broadway Construction Group, Shannon Dowling
Raptor – Foundation Contractor**Equipment On Site:**

Cat325C, Cat 311C, Minirae 3000 PID, DustTrak II,

Scope of Work:

- Community Air Monitoring Program (CAMP) implementation in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP);

Site Activities:

- CAMP deployed at the start of the days activities;
- Rebar work in areas around elevator pit along 3rd Avenue;
- Piles being worked on around elevator pit;
- Start installation of vapor barrier around elevator pit;
- Plumbing work;
- Dewatering proximal to EP-20;
- Removal of ECDs equipment; and
- Rebar work in WC-7 and WC-8.

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 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.1__ ppm, Dust = __0.660__ mg/m³ @ 06:46
- High Conditions (Upwind) – PID = __0.8__ @ 13:01 ppm, Dust = __0.660__ mg/m³ @ 06:46
- High Conditions (Downwind) – PID = __2.2__ @ 10:31 ppm, Dust = __0.061__ mg/m³ @ 08:38
- *High initial upwind reading was due to moisture in the line from over night.

Notable Site Conditions:

- See Site Activities.

Planned for the Next Day:

- Continued rebar and pile work;
- Excavation of petroleum contaminated area; and
- Continued dewatering.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –
Representative
photo of
workers forming
piles.



Photo 2 –
Representative
view of rebar
work in WC-7
and WC-8.



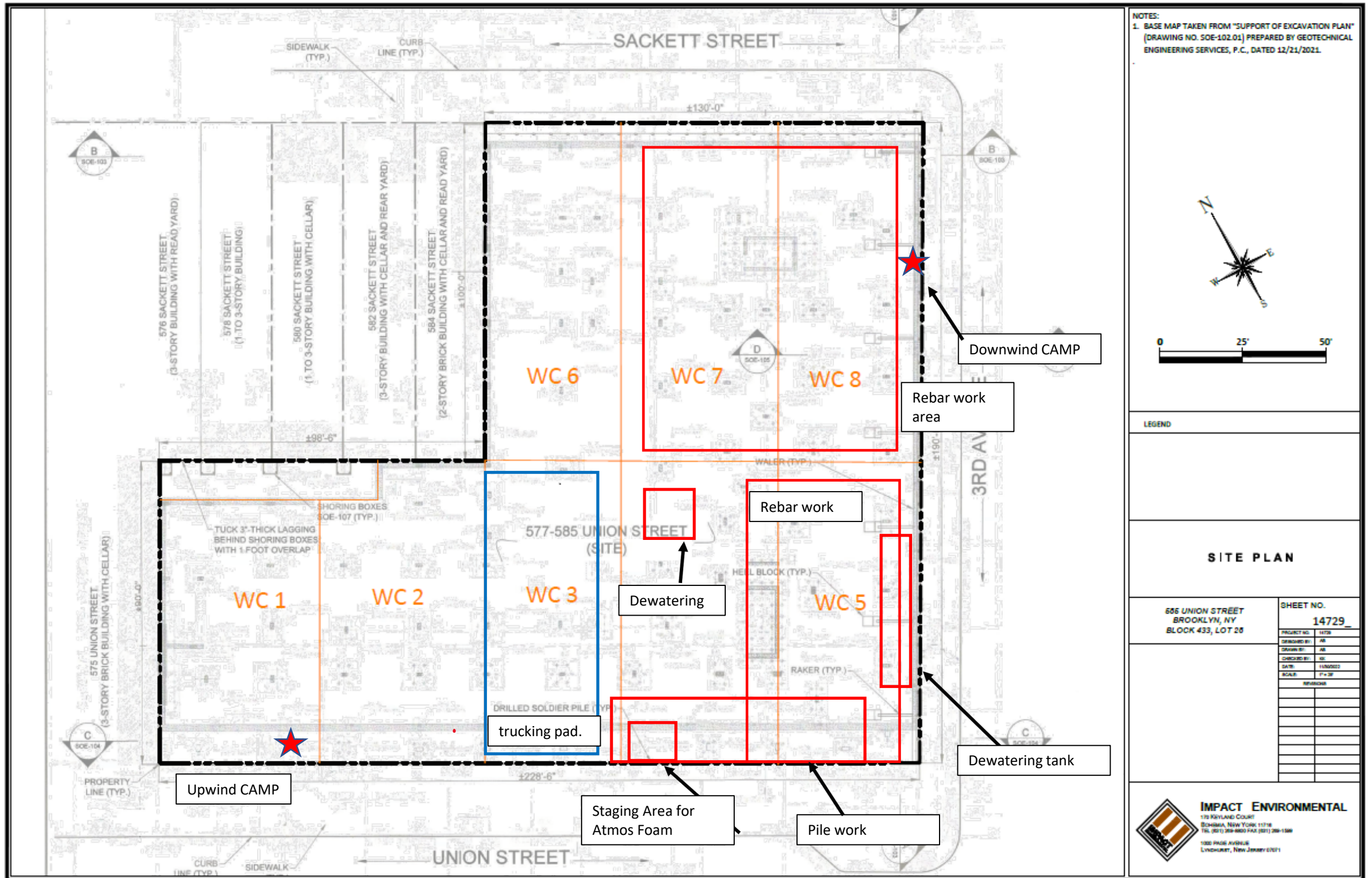
Photo 3 –
Representative
view of ECD
taking
machinery off
site.



SITE PLAN

585 Union Street, Brooklyn,
NY





UPWIND CAMP READINGS

585 Union Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530132131
Firmware Version	3.1
Calibration Date	11/9/2022
Test Name	MANUAL_008
Test Start Time	6:46:58 AM
Test Start Date	5/2/2023
Test Length [D:H:M]	0:11:10
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.66
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	670

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:46	0.66	0.1		
6:47	0.016	0.1		
6:48	0.018	0.1		
6:49	0.01	0.1		
6:50	0.008	0.1		
6:51	0.014	0.1		
6:52	0.007	0.1		
6:53	0.008	0.1		
6:54	0.006	0.1		
6:55	0.007	0.1		
6:56	0.006	0.1		
6:57	0.006	0.1		
6:58	0.005	0.1		
6:59	0.004	0.1		
7:00	0.004	0.1		
7:01	0.006	0.1		
7:02	0.01	0.1		
7:03	0.026	0.1		
7:04	0.014	0.1		
7:05	0.006	0.1		
7:06	0.006	0.1		
7:07	0.007	0.1		
7:08	0.007	0.1		
7:09	0.005	0.1		
7:10	0.005	0.1		
7:11	0.006	0.1		
7:12	0.007	0.1		

7:13	0.007	0.1
7:14	0.007	0.1
7:15	0.007	0.2
7:16	0.007	0.1
7:17	0.01	0.1
7:18	0.016	0.1
7:19	0.027	0.1
7:20	0.015	0.1
7:21	0.016	0.1
7:22	0.015	0.1
7:23	0.013	0.1
7:24	0.009	0.1
7:25	0.007	0.1
7:26	0.014	0.1
7:27	0.009	0.1
7:28	0.031	0.1
7:29	0.032	0.1
7:30	0.006	0.1
7:31	0.016	0.1
7:32	0.037	0.1
7:33	0.01	0.1
7:34	0.008	0.1
7:35	0.013	0.1
7:36	0.016	0.1
7:37	0.006	0.1
7:38	0.014	0.1
7:39	0.005	0.1
7:40	0.005	0.1
7:41	0.007	0.1
7:42	0.005	0.1
7:43	0.004	0.1
7:44	0.005	0.1
7:45	0.005	0.2
7:46	0.004	0.1
7:47	0.003	0.1
7:48	0.004	0.1
7:49	0.006	0.1
7:50	0.006	0.1
7:51	0.014	0.1
7:52	0.008	0.1
7:53	0.005	0.1
7:54	0.01	0.1
7:55	0.004	0.1
7:56	0.003	0.1
7:57	0.003	0.1
7:58	0.004	0.1
7:59	0.004	0.1

8:00	0.006	0.1
8:01	0.005	0.1
8:02	0.028	0.1
8:03	0.008	0.1
8:04	0.004	0.1
8:05	0.004	0.1
8:06	0.004	0.1
8:07	0.007	0.1
8:08	0.011	0.1
8:09	0.004	0.1
8:10	0.004	0.1
8:11	0.004	0.1
8:12	0.004	0.1
8:13	0.005	0.1
8:14	0.007	0.1
8:15	0.005	0.1
8:16	0.01	0.1
8:17	0.007	0.1
8:18	0.012	0.1
8:19	0.009	0.1
8:20	0.01	0.1
8:21	0.01	0.1
8:22	0.01	0.1
8:23	0.007	0.1
8:24	0.008	0.1
8:25	0.013	0.1
8:26	0.008	0.1
8:27	0.006	0.1
8:28	0.006	0.1
8:29	0.007	0.1
8:30	0.009	0.1
8:31	0.012	0.1
8:32	0.013	0.1
8:33	0.014	0.1
8:34	0.012	0.1
8:35	0.012	0.1
8:36	0.01	0.1
8:37	0.01	0.1
8:38	0.007	0.1
8:39	0.011	0.1
8:40	0.018	0.1
8:41	0.015	0.1
8:42	0.012	0.1
8:43	0.016	0.1
8:44	0.012	0.1
8:45	0.019	0.1
8:46	0.008	0.1

8:47	0.007	0.1
8:48	0.007	0.1
8:49	0.006	0.1
8:50	0.006	0.1
8:51	0.006	0.1
8:52	0.006	0.1
8:53	0.007	0.1
8:54	0.011	0.1
8:55	0.011	0.1
8:56	0.013	0.1
8:57	0.009	0.1
8:58	0.009	0.1
8:59	0.008	0.1
9:00	0.012	0.1
9:01	0.02	0.1
9:02	0.016	0.1
9:03	0.016	0.1
9:04	0.008	0.1
9:05	0.012	0.1
9:06	0.091	0.1
9:07	0.042	0.1
9:08	0.056	0.1
9:09	0.088	0.1
9:10	0.044	0.1
9:11	0.042	0.1
9:12	0.043	0.1
9:13	0.019	0.1
9:14	0.026	0.1
9:15	0.031	0.1
9:16	0.014	0.1
9:17	0.019	0.1
9:18	0.022	0.1
9:19	0.015	0.1
9:20	0.028	0.1
9:21	0.031	0.1
9:22	0.03	0.1
9:23	0.016	0.1
9:24	0.026	0.1
9:25	0.032	0.1
9:26	0.021	0.1
9:27	0.02	0.1
9:28	0.018	0.1
9:29	0.022	0.1
9:30	0.021	0.1
9:31	0.022	0.1
9:32	0.024	0.1
9:33	0.022	0.1

9:34	0.018	0.1
9:35	0.019	0.1
9:36	0.015	0.1
9:37	0.012	0.1
9:38	0.033	0.1
9:39	0.012	0.1
9:40	0.013	0.1
9:41	0.029	0.1
9:42	0.019	0.1
9:43	0.016	0.1
9:44	0.019	0.1
9:45	0.015	0.1
9:46	0.014	0.1
9:47	0.012	0.1
9:48	0.017	0.1
9:49	0.015	0.1
9:50	0.012	0.1
9:51	0.01	0.1
9:52	0.018	0.1
9:53	0.017	0.1
9:54	0.013	0.1
9:55	0.011	0.1
9:56	0.008	0.1
9:57	0.009	0.1
9:58	0.01	0.1
9:59	0.01	0.1
10:00	0.008	0.1
10:01	0.008	0.1
10:02	0.008	0.1
10:03	0.009	0.1
10:04	0.007	0.1
10:05	0.006	0.1
10:06	0.007	0.1
10:07	0.007	0.1
10:08	0.008	0.1
10:09	0.007	0.1
10:10	0.007	0.1
10:11	0.006	0.1
10:12	0.01	0.1
10:13	0.01	0.1
10:14	0.009	0.1
10:15	0.011	0.1
10:16	0.014	0.1
10:17	0.018	0.1
10:18	0.011	0.1
10:19	0.021	0.1
10:20	0.039	0.1

10:21	0.013	0.1
10:22	0.012	0.1
10:23	0.011	0.1
10:24	0.01	0.1
10:25	0.015	0.1
10:26	0.017	0.1
10:27	0.027	0.1
10:28	0.016	0.1
10:29	0.014	0.1
10:30	0.015	0.1
10:31	0.013	0.1
10:32	0.018	0.1
10:33	0.011	0.1
10:34	0.008	0.1
10:35	0.015	0.1
10:36	0.016	0.1
10:37	0.012	0.1
10:38	0.014	0.1
10:39	0.014	0.1
10:40	0.009	0.1
10:41	0.01	0.1
10:42	0.01	0.1
10:43	0.009	0.1
10:44	0.008	0.1
10:45	0.009	0.1
10:46	0.008	0.1
10:47	0.009	0.1
10:48	0.008	0.1
10:49	0.008	0.1
10:50	0.008	0.1
10:51	0.011	0.1
10:52	0.009	0.1
10:53	0.008	0.1
10:54	0.009	0.1
10:55	0.013	0.1
10:56	0.021	0.1
10:57	0.009	0.1
10:58	0.008	0.1
10:59	0.008	0.1
11:00	0.01	0.1
11:01	0.009	0.1
11:02	0.008	0.1
11:03	0.006	0.1
11:04	0.007	0.1
11:05	0.022	0.1
11:06	0.023	0.1
11:07	0.008	0.1

11:08	0.004	0.1
11:09	0.008	0.1
11:10	0.019	0.1
11:11	0.024	0.1
11:12	0.011	0.1
11:13	0.008	0.1
11:14	0.007	0.1
11:15	0.007	0.1
11:16	0.006	0.1
11:17	0.007	0.1
11:18	0.012	0.1
11:19	0.008	0.1
11:20	0.013	0.1
11:21	0.011	0.1
11:22	0.007	0.1
11:23	0.008	0.1
11:24	0.012	0.1
11:25	0.022	0.1
11:26	0.018	0.1
11:27	0.016	0.1
11:28	0.013	0.1
11:29	0.015	0.1
11:30	0.008	0.1
11:31	0.008	0.2
11:32	0.006	0.1
11:33	0.01	0.1
11:34	0.005	0.1
11:35	0.005	0.1
11:36	0.005	0.1
11:37	0.008	0.1
11:38	0.008	0.1
11:39	0.004	0.1
11:40	0.006	0.1
11:41	0.004	0.1
11:42	0.008	0.1
11:43	0.014	0.2
11:44	0.005	0.2
11:45	0.006	0.2
11:46	0.004	0.1
11:47	0.054	0.1
11:48	0.055	0.2
11:49	0.03	0.1
11:50	0.013	0.1
11:51	0.01	0.1
11:52	0.01	0.2
11:53	0.006	0.1
11:54	0.009	0.1

11:55	0.007	0.2
11:56	0.009	0.1
11:57	0.005	0.1
11:58	0.004	0.5
11:59	0.003	0.2
12:00	0.004	0.2
12:01	0.006	0.1
12:02	0.005	0.1
12:03	0.006	0.2
12:04	0.007	0.1
12:05	0.008	0.2
12:06	0.007	0.1
12:07	0.008	0.1
12:08	0.006	0.2
12:09	0.006	0.2
12:10	0.006	0.2
12:11	0.007	0.2
12:12	0.008	0.2
12:13	0.006	0.2
12:14	0.009	0.2
12:15	0.006	0.2
12:16	0.007	0.1
12:17	0.009	0.2
12:18	0.008	0.1
12:19	0.016	0.1
12:20	0.006	0.1
12:21	0.005	0.2
12:22	0.005	0.2
12:23	0.005	0.2
12:24	0.004	0.3
12:25	0.005	0.2
12:26	0.004	0.2
12:27	0.005	0.2
12:28	0.003	0.2
12:29	0.005	0.2
12:30	0.006	0.2
12:31	0.005	0.3
12:32	0.008	0.2
12:33	0.005	0.3
12:34	0.005	0.2
12:35	0.003	0.3
12:36	0.004	0.2
12:37	0.004	0.3
12:38	0.004	0.5
12:39	0.007	0.2
12:40	0.004	0.3
12:41	0.007	0.3

12:42	0.006	0.5
12:43	0.01	0.2
12:44	0.006	0.2
12:45	0.003	0.2
12:46	0.004	0.2
12:47	0.007	0.3
12:48	0.005	0.2
12:49	0.004	0.2
12:50	0.008	0.3
12:51	0.006	0.3
12:52	0.004	0.3
12:53	0.006	0.3
12:54	0.01	0.3
12:55	0.006	0.5
12:56	0.006	0.3
12:57	0.005	0.6
12:58	0.005	0.5
12:59	0.004	0.6
13:00	0.004	0.4
13:01	0.005	0.8
13:02	0.005	0.2
13:03	0.005	0.3
13:04	0.005	0.1
13:05	0.004	0.1
13:06	0.006	0.1
13:07	0.005	0.1
13:08	0.005	0.1
13:09	0.004	0.1
13:10	0.005	0.1
13:11	0.005	0.1
13:12	0.004	0.1
13:13	0.004	0.1
13:14	0.005	0.1
13:15	0.005	0.1
13:16	0.005	0.1
13:17	0.006	0.1
13:18	0.008	0.1
13:19	0.008	0.1
13:20	0.007	0.2
13:21	0.008	0.1
13:22	0.007	0.1
13:23	0.019	0.1
13:24	0.018	0.1
13:25	0.008	0.1
13:26	0.012	0.1
13:27	0.008	0.1
13:28	0.006	0.1

13:29	0.007	0.1
13:30	0.008	0.1
13:31	0.006	0.1
13:32	0.007	0.1
13:33	0.006	0.1
13:34	0.006	0.1
13:35	0.004	0.1
13:36	0.007	0.1
13:37	0.007	0.1
13:38	0.007	0.1
13:39	0.005	0
13:40	0.006	0.1
13:41	0.004	0.1
13:42	0.004	0
13:43	0.005	0
13:44	0.004	0.1
13:45	0.004	0.1
13:46	0.004	0.1
13:47	0.006	0.1
13:48	0.004	0.1
13:49	0.006	0
13:50	0.011	0
13:51	0.008	0.1
13:52	0.014	0.1
13:53	0.008	0
13:54	0.014	0
13:55	0.013	0
13:56	0.009	0
13:57	0.013	0.1
13:58	0.01	0.1
13:59	0.009	0.1
14:00	0.007	0.1
14:01	0.006	0
14:02	0.006	0.1
14:03	0.007	0.1
14:04	0.009	0.1
14:05	0.007	0.1
14:06	0.01	0.1
14:07	0.007	0
14:08	0.008	0
14:09	0.007	0.1
14:10	0.006	0.1
14:11	0.007	0
14:12	0.006	0.1
14:13	0.009	0
14:14	0.01	0.1
14:15	0.006	0.1

14:16	0.007	0.1
14:17	0.007	0
14:18	0.007	0
14:19	0.007	0
14:20	0.007	0.1
14:21	0.007	0
14:22	0.006	0.1
14:23	0.009	0.1
14:24	0.009	0.1
14:25	0.009	0
14:26	0.007	0.1
14:27	0.007	0
14:28	0.005	0
14:29	0.006	0
14:30	0.005	0
14:31	0.004	0
14:32	0.005	0.1
14:33	0.005	0
14:34	0.005	0
14:35	0.005	0
14:36	0.006	0
14:37	0.006	0
14:38	0.007	0
14:39	0.006	0
14:40	0.006	0
14:41	0.005	0
14:42	0.006	0
14:43	0.01	0
14:44	0.007	0
14:45	0.005	0
14:46	0.005	0
14:47	0.004	0
14:48	0.008	0
14:49	0.006	0
14:50	0.007	0
14:51	0.007	0
14:52	0.009	0
14:53	0.006	0
14:54	0.005	0.1
14:55	0.005	0
14:56	0.003	0.1
14:57	0.004	0.1
14:58	0.004	0.1
14:59	0.003	0
15:00	0.005	0.1
15:01	0.006	0.1
15:02	0.005	0

15:03	0.006	0
15:04	0.006	0.1
15:05	0.005	0
15:06	0.004	0
15:07	0.003	0.1
15:08	0.005	0
15:09	0.005	0
15:10	0.005	0.1
15:11	0.005	0.1
15:12	0.005	0.1
15:13	0.005	0
15:14	0.007	0
15:15	0.013	0.1
15:16	0.009	0
15:17	0.008	0.1
15:18	0.008	0.1
15:19	0.008	0.1
15:20	0.007	0.1
15:21	0.006	0.1
15:22	0.004	0.1
15:23	0.004	0.1
15:24	0.005	0.1
15:25	0.005	0.1
15:26	0.005	0.1
15:27	0.004	0.1
15:28	0.005	0.1
15:29	0.005	0.1
15:30	0.009	0.1
15:31	0.005	0.1
15:32	0.003	0.1
15:33	0.004	0.1
15:34	0.005	0.1
15:35	0.006	0.1
15:36	0.006	0.1
15:37	0.006	0.1
15:38	0.008	0.1
15:39	0.008	0.1
15:40	0.005	0.1
15:41	0.005	0.1
15:42	0.004	0.1
15:43	0.004	0
15:44	0.005	0
15:45	0.005	0.1
15:46	0.004	0.1
15:47	0.006	0.1
15:48	0.007	0
15:49	0.005	0

15:50	0.005	0
15:51	0.005	0
15:52	0.004	0
15:53	0.004	0
15:54	0.004	0
15:55	0.006	0.1
15:56	0.005	0.1
15:57	0.004	0
15:58	0.003	0
15:59	0.004	0
16:00	0.005	0
16:01	0.005	0
16:02	0.004	0.1
16:03	0.005	0
16:04	0.004	0
16:05	0.004	0
16:06	0.004	0.1
16:07	0.004	0
16:08	0.004	0
16:09	0.004	0
16:10	0.004	0
16:11	0.004	0.1
16:12	0.004	0
16:13	0.004	0
16:14	0.005	0
16:15	0.004	0
16:16	0.004	0
16:17	0.004	0
16:18	0.004	0
16:19	0.004	0
16:20	0.003	0
16:21	0.005	0
16:22	0.003	0
16:23	0.004	0
16:24	0.003	0
16:25	0.004	0
16:26	0.004	0
16:27	0.005	0
16:28	0.004	0.1
16:29	0.004	0
16:30	0.004	0
16:31	0.004	0
16:32	0.004	0
16:33	0.003	0
16:34	0.004	0
16:35	0.004	0
16:36	0.018	0

16:37	0.003	0
16:38	0.006	0
16:39	0.003	0
16:40	0.003	0
16:41	0.003	0
16:42	0.003	0
16:43	0.003	0
16:44	0.004	0
16:45	0.003	0
16:46	0.004	0
16:47	0.003	0
16:48	0.004	0
16:49	0.004	0
16:50	0.005	0
16:51	0.003	0
16:52	0.003	0
16:53	0.003	0
16:54	0.003	0
16:55	0.003	0
16:56	0.003	0
16:57	0.003	0
16:58	0.004	0
16:59	0.004	0
17:00	0.003	0
17:01	0.005	0
17:02	0.005	0
17:03	0.007	0
17:04	0.008	0
17:05	0.004	0
17:06	0.005	0
17:07	0.005	0
17:08	0.005	0
17:09	0.004	0
17:10	0.006	0
17:11	0.005	0
17:12	0.005	0
17:13	0.004	0
17:14	0.005	0
17:15	0.004	0
17:16	0.009	0
17:17	0.004	0
17:18	0.006	0
17:19	0.004	0
17:20	0.003	0
17:21	0.009	0
17:22	0.003	0
17:23	0.004	0

17:24	0.005	0
17:25	0.008	0
17:26	0.01	0
17:27	0.005	0
17:28	0.014	0
17:29	0.01	0
17:30	0.005	0
17:31	0.007	0
17:32	0.004	0
17:33	0.004	0
17:34	0.003	0
17:35	0.004	0
17:36	0.004	0
17:37	0.011	0
17:38	0.009	0
17:39	0.01	0
17:40	0.062	0
17:41	0.01	0
17:42	0.004	0
17:43	0.005	0
17:44	0.004	0
17:45	0.007	0
17:46	0.007	0
17:47	0.007	0
17:48	0.005	0
17:49	0.003	0
17:50	0.018	0
17:51	0.004	0
17:52	0.003	0
17:53	0.003	0
17:54	0.003	0
17:55	0.004	0

DOWNWIND CAMP READINGS

585 Union Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530171414
Firmware Version	3.1
Calibration Date	9/29/2022
Test Name	MANUAL_008
Test Start Time	6:59:38 PM
Test Start Date	5/2/2023
Test Length [D:H:M]	0:11:01
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.061
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	661

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:59	0.035	0.7		
7:00	0.007	0.6		
7:01	0.007	0.6		
7:02	0.007	0.6		
7:03	0.006	0.6		
7:04	0.006	0.6		
7:05	0.006	0.6		
7:06	0.008	0.6		
7:07	0.006	0.6		
7:08	0.005	0.6		
7:09	0.005	0.6		
7:10	0.005	0.6		
7:11	0.006	0.6		
7:12	0.009	0.6		
7:13	0.008	0.6		
7:14	0.007	0.6		
7:15	0.006	0.6		
7:16	0.007	0.6		
7:17	0.006	0.7		
7:18	0.006	0.7		
7:19	0.007	0.7		
7:20	0.006	0.7		
7:21	0.007	0.8		
7:22	0.008	0.9		
7:23	0.007	0.7		
7:24	0.007	0.8		
7:25	0.008	0.7		

7:26	0.01	0.7
7:27	0.013	0.8
7:28	0.012	0.7
7:29	0.012	0.7
7:30	0.013	0.7
7:31	0.012	0.8
7:32	0.007	0.8
7:33	0.007	0.8
7:34	0.007	0.8
7:35	0.01	0.9
7:36	0.011	0.7
7:37	0.015	0.8
7:38	0.018	0.7
7:39	0.01	0.7
7:40	0.01	0.7
7:41	0.007	0.8
7:42	0.009	0.7
7:43	0.007	0.8
7:44	0.01	0.7
7:45	0.01	0.8
7:46	0.012	0.8
7:47	0.013	0.8
7:48	0.008	0.7
7:49	0.005	0.7
7:50	0.008	0.7
7:51	0.008	0.8
7:52	0.009	0.8
7:53	0.005	0.8
7:54	0.005	0.8
7:55	0.006	0.7
7:56	0.013	0.7
7:57	0.008	0.6
7:58	0.005	0.6
7:59	0.006	0.6
8:00	0.005	0.6
8:01	0.005	0.6
8:02	0.005	0.7
8:03	0.005	1.1
8:04	0.006	0.9
8:05	0.006	0.7
8:06	0.006	0.8
8:07	0.005	0.7
8:08	0.006	0.6
8:09	0.006	0.6
8:10	0.007	0.6
8:11	0.007	0.5
8:12	0.005	0.6

8:13	0.006	0.6
8:14	0.006	0.6
8:15	0.006	0.6
8:16	0.01	0.9
8:17	0.006	0.5
8:18	0.005	0.5
8:19	0.005	0.4
8:20	0.005	0.3
8:21	0.008	0.4
8:22	0.007	0.4
8:23	0.007	0.4
8:24	0.007	0.3
8:25	0.006	0.3
8:26	0.005	0.3
8:27	0.006	0.3
8:28	0.006	0.3
8:29	0.007	0.4
8:30	0.008	0.4
8:31	0.008	0.3
8:32	0.021	0.3
8:33	0.01	0.3
8:34	0.008	0.3
8:35	0.007	0.3
8:36	0.007	0.3
8:37	0.028	0.3
8:38	0.061	0.3
8:39	0.01	0.3
8:40	0.018	0.3
8:41	0.031	0.3
8:42	0.021	0.3
8:43	0.01	0.3
8:44	0.006	0.3
8:45	0.006	0.3
8:46	0.005	0.3
8:47	0.005	0.4
8:48	0.009	0.3
8:49	0.011	0.3
8:50	0.009	0.3
8:51	0.01	0.3
8:52	0.006	0.3
8:53	0.007	0.3
8:54	0.007	0.3
8:55	0.008	0.3
8:56	0.007	0.3
8:57	0.006	0.3
8:58	0.007	0.3
8:59	0.006	0.4

9:00	0.006	0.4
9:01	0.006	0.4
9:02	0.006	0.7
9:03	0.007	0.4
9:04	0.008	0.3
9:05	0.01	0.4
9:06	0.008	0.3
9:07	0.008	0.4
9:08	0.007	0.5
9:09	0.007	0.6
9:10	0.008	0.5
9:11	0.007	0.8
9:12	0.007	0.5
9:13	0.008	0.4
9:14	0.008	0.8
9:15	0.01	0.5
9:16	0.016	0.3
9:17	0.017	0.3
9:18	0.015	0.3
9:19	0.01	0.2
9:20	0.01	0.3
9:21	0.01	0.3
9:22	0.009	0.3
9:23	0.009	0.3
9:24	0.009	0.3
9:25	0.013	0.3
9:26	0.014	0.3
9:27	0.012	0.3
9:28	0.011	0.4
9:29	0.014	0.4
9:30	0.011	0.3
9:31	0.012	0.3
9:32	0.011	0.3
9:33	0.01	0.4
9:34	0.009	0.4
9:35	0.01	0.3
9:36	0.016	0.3
9:37	0.011	0.3
9:38	0.012	0.3
9:39	0.01	0.3
9:40	0.01	0.3
9:41	0.011	0.3
9:42	0.013	0.3
9:43	0.01	0.3
9:44	0.012	0.3
9:45	0.009	0.3
9:46	0.009	0.4

9:47	0.011	0.3
9:48	0.01	0.4
9:49	0.009	0.3
9:50	0.009	0.5
9:51	0.009	0.4
9:52	0.011	0.4
9:53	0.009	0.5
9:54	0.01	0.4
9:55	0.01	0.4
9:56	0.012	0.4
9:57	0.008	0.5
9:58	0.011	0.3
9:59	0.009	0.4
10:00	0.016	0.4
10:01	0.011	0.6
10:02	0.011	0.4
10:03	0.008	0.3
10:04	0.009	0.4
10:05	0.007	0.4
10:06	0.008	0.3
10:07	0.008	0.4
10:08	0.007	0.5
10:09	0.007	0.4
10:10	0.006	0.4
10:11	0.007	0.5
10:12	0.006	0.7
10:13	0.007	0.4
10:14	0.006	0.6
10:15	0.006	0.4
10:16	0.007	0.4
10:17	0.007	0.5
10:18	0.006	0.5
10:19	0.007	0.4
10:20	0.007	0.5
10:21	0.007	0.4
10:22	0.006	0.7
10:23	0.008	0.8
10:24	0.006	0.7
10:25	0.011	0.6
10:26	0.012	0.6
10:27	0.025	0.8
10:28	0.011	0.8
10:29	0.011	0.7
10:30	0.005	0.9
10:31	0.007	2.2
10:32	0.007	0.4
10:33	0.005	0.3

10:34	0.016	0.3
10:35	0.008	0.4
10:36	0.007	0.4
10:37	0.008	0.4
10:38	0.01	0.4
10:39	0.01	0.4
10:40	0.009	0.4
10:41	0.008	0.4
10:42	0.008	0.4
10:43	0.008	0.4
10:44	0.013	0.5
10:45	0.011	0.5
10:46	0.007	0.4
10:47	0.007	0.4
10:48	0.008	0.4
10:49	0.008	0.4
10:50	0.008	0.4
10:51	0.008	0.4
10:52	0.007	0.4
10:53	0.008	0.5
10:54	0.008	0.4
10:55	0.008	0.4
10:56	0.009	0.4
10:57	0.007	0.4
10:58	0.009	0.4
10:59	0.008	0.4
11:00	0.008	0.4
11:01	0.007	0.4
11:02	0.008	0.5
11:03	0.008	0.4
11:04	0.01	0.4
11:05	0.01	0.4
11:06	0.009	0.4
11:07	0.008	0.5
11:08	0.008	0.5
11:09	0.01	0.5
11:10	0.01	0.5
11:11	0.008	0.4
11:12	0.008	0.5
11:13	0.01	0.4
11:14	0.023	0.5
11:15	0.016	0.5
11:16	0.008	0.4
11:17	0.007	0.5
11:18	0.008	0.5
11:19	0.009	0.4
11:20	0.008	0.5

11:21	0.011	0.5
11:22	0.007	0.5
11:23	0.006	0.4
11:24	0.005	0.4
11:25	0.005	0.4
11:26	0.005	0.4
11:27	0.006	0.4
11:28	0.005	0.5
11:29	0.005	0.5
11:30	0.005	0.5
11:31	0.005	0.5
11:32	0.009	0.5
11:33	0.008	0.5
11:34	0.007	0.4
11:35	0.006	0.4
11:36	0.006	0.5
11:37	0.007	0.5
11:38	0.007	0.5
11:39	0.006	0.5
11:40	0.007	0.5
11:41	0.007	0.5
11:42	0.005	0.5
11:43	0.003	0.5
11:44	0.004	0.6
11:45	0.004	0.5
11:46	0.005	0.5
11:47	0.003	0.5
11:48	0.004	0.5
11:49	0.007	0.5
11:50	0.004	0.5
11:51	0.006	0.6
11:52	0.005	0.5
11:53	0.003	0.5
11:54	0.003	0.5
11:55	0.004	0.5
11:56	0.02	0.5
11:57	0.02	0.5
11:58	0.014	0.5
11:59	0.01	0.5
12:00	0.009	0.5
12:01	0.007	0.5
12:02	0.004	0.5
12:03	0.007	0.5
12:04	0.011	0.5
12:05	0.009	0.5
12:06	0.004	0.5
12:07	0.004	0.5

12:08	0.004	0.5
12:09	0.007	0.5
12:10	0.004	0.5
12:11	0.003	0.5
12:12	0.006	0.5
12:13	0.004	0.5
12:14	0.004	0.6
12:15	0.004	0.6
12:16	0.004	0.6
12:17	0.004	0.5
12:18	0.004	0.5
12:19	0.003	0.5
12:20	0.004	0.5
12:21	0.003	0.5
12:22	0.005	0.5
12:23	0.007	0.5
12:24	0.005	0.6
12:25	0.006	0.5
12:26	0.008	0.6
12:27	0.011	0.6
12:28	0.004	0.6
12:29	0.004	0.6
12:30	0.003	0.6
12:31	0.003	0.6
12:32	0.003	0.7
12:33	0.003	0.7
12:34	0.002	0.6
12:35	0.002	0.7
12:36	0.002	0.7
12:37	0.002	0.6
12:38	0.003	0.6
12:39	0.002	0.6
12:40	0.003	0.6
12:41	0.006	0.6
12:42	0.003	0.7
12:43	0.002	0.6
12:44	0.003	0.6
12:45	0.003	0.6
12:46	0.002	0.6
12:47	0.002	0.8
12:48	0.002	0.6
12:49	0.002	0.6
12:50	0.002	0.6
12:51	0.003	0.6
12:52	0.006	0.5
12:53	0.002	0.7
12:54	0.002	1.2

12:55	0.002	0.6
12:56	0.002	0.6
12:57	0.003	0.6
12:58	0.002	0.7
12:59	0.004	0.6
13:00	0.002	0.6
13:01	0.003	0.7
13:02	0.006	0.5
13:03	0.006	0.6
13:04	0.005	0.5
13:05	0.005	0.5
13:06	0.003	0.5
13:07	0.003	0.5
13:08	0.003	0.5
13:09	0.004	0.5
13:10	0.003	0.5
13:11	0.003	0.4
13:12	0.003	0.5
13:13	0.002	0.7
13:14	0.003	0.5
13:15	0.004	0.5
13:16	0.003	0.5
13:17	0.003	0.6
13:18	0.003	0.6
13:19	0.003	0.6
13:20	0.003	0.6
13:21	0.002	0.6
13:22	0.003	0.6
13:23	0.003	0.6
13:24	0.003	0.6
13:25	0.004	0.7
13:26	0.004	0.7
13:27	0.005	0.9
13:28	0.006	0.6
13:29	0.004	0.6
13:30	0.006	0.7
13:31	0.006	0.7
13:32	0.009	1.1
13:33	0.005	0.7
13:34	0.007	0.6
13:35	0.006	0.5
13:36	0.005	0.5
13:37	0.009	0.5
13:38	0.005	0.5
13:39	0.006	0.5
13:40	0.005	0.5
13:41	0.005	0.5

13:42	0.005	0.4
13:43	0.003	0.6
13:44	0.005	0.5
13:45	0.005	0.5
13:46	0.002	0.5
13:47	0.002	0.4
13:48	0.002	0.5
13:49	0.003	0.4
13:50	0.002	0.5
13:51	0.002	0.4
13:52	0.003	0.4
13:53	0.002	0.4
13:54	0.002	0.4
13:55	0.002	0.4
13:56	0.004	0.4
13:57	0.003	0.4
13:58	0.006	0.4
13:59	0.004	0.4
14:00	0.006	0.5
14:01	0.004	0.6
14:02	0.004	0.5
14:03	0.006	0.5
14:04	0.008	0.4
14:05	0.006	0.6
14:06	0.008	0.5
14:07	0.007	0.4
14:08	0.008	0.5
14:09	0.008	0.4
14:10	0.005	0.5
14:11	0.006	0.4
14:12	0.009	0.4
14:13	0.012	0.5
14:14	0.009	0.6
14:15	0.008	0.4
14:16	0.008	0.4
14:17	0.007	0.4
14:18	0.006	0.4
14:19	0.004	0.5
14:20	0.005	0.5
14:21	0.007	0.4
14:22	0.009	0.5
14:23	0.012	0.4
14:24	0.005	1.1
14:25	0.004	0.5
14:26	0.004	0.4
14:27	0.004	0.4
14:28	0.011	0.4

14:29	0.006	0.4
14:30	0.013	0.4
14:31	0.006	0.4
14:32	0.009	0.4
14:33	0.006	0.4
14:34	0.005	0.4
14:35	0.006	0.4
14:36	0.006	0.4
14:37	0.006	0.4
14:38	0.02	0.4
14:39	0.005	0.4
14:40	0.003	0.5
14:41	0.005	0.4
14:42	0.004	0.4
14:43	0.005	0.4
14:44	0.009	0.4
14:45	0.006	0.4
14:46	0.005	0.4
14:47	0.005	0.4
14:48	0.004	0.5
14:49	0.003	0.6
14:50	0.003	0.5
14:51	0.004	0.4
14:52	0.005	0.5
14:53	0.005	0.4
14:54	0.003	0.7
14:55	0.003	0.4
14:56	0.005	0.5
14:57	0.006	0.9
14:58	0.005	0.4
14:59	0.004	0.8
15:00	0.005	0.3
15:01	0.006	0.3
15:02	0.006	0.3
15:03	0.004	0.3
15:04	0.004	0.2
15:05	0.003	0.3
15:06	0.005	0.3
15:07	0.004	0.3
15:08	0.004	0.2
15:09	0.005	0.1
15:10	0.005	0.3
15:11	0.005	0.2
15:12	0.005	0.2
15:13	0.006	0.3
15:14	0.003	0.4
15:15	0.003	0.5

15:16	0.004	0.3
15:17	0.004	0.4
15:18	0.006	0.3
15:19	0.004	0.3
15:20	0.003	0.2
15:21	0.004	0.2
15:22	0.006	0.2
15:23	0.006	0.1
15:24	0.009	0.1
15:25	0.008	0.2
15:26	0.008	0.2
15:27	0.004	0.1
15:28	0.004	0.2
15:29	0.007	0.1
15:30	0.005	0.1
15:31	0.005	0.2
15:32	0.004	0.1
15:33	0.004	0.4
15:34	0.003	0.2
15:35	0.006	0.1
15:36	0.004	0.1
15:37	0.005	0.1
15:38	0.004	0.1
15:39	0.005	0
15:40	0.004	0.1
15:41	0.004	0
15:42	0.005	0
15:43	0.005	0
15:44	0.006	0
15:45	0.005	0
15:46	0.02	0
15:47	0.02	0
15:48	0.014	0
15:49	0.018	0
15:50	0.011	0
15:51	0.018	0
15:52	0.008	0
15:53	0.003	0
15:54	0.004	0
15:55	0.012	0
15:56	0.016	0
15:57	0.019	0
15:58	0.009	0
15:59	0.006	0
16:00	0.004	0
16:01	0.007	0
16:02	0.005	0

16:03	0.007	0
16:04	0.014	0
16:05	0.02	0
16:06	0.015	0
16:07	0.005	0
16:08	0.008	0
16:09	0.005	0
16:10	0.011	0
16:11	0.007	0
16:12	0.016	0
16:13	0.012	0
16:14	0.012	0
16:15	0.009	0
16:16	0.009	0
16:17	0.015	0
16:18	0.006	0
16:19	0.004	0
16:20	0.006	0
16:21	0.008	0
16:22	0.004	0
16:23	0.005	0
16:24	0.015	0
16:25	0.008	0
16:26	0.017	0
16:27	0.015	0
16:28	0.005	0
16:29	0.014	0
16:30	0.007	0
16:31	0.008	0
16:32	0.007	0
16:33	0.004	0
16:34	0.006	0
16:35	0.006	0
16:36	0.004	0
16:37	0.003	0
16:38	0.003	0
16:39	0.003	0
16:40	0.004	0
16:41	0.009	0
16:42	0.014	0
16:43	0.012	0
16:44	0.006	0
16:45	0.002	0
16:46	0.001	0
16:47	0.003	0
16:48	0.002	0
16:49	0.009	0

16:50	0.008	0
16:51	0.004	0
16:52	0.01	0
16:53	0.008	0
16:54	0.005	0
16:55	0.004	0
16:56	0.005	0
16:57	0.003	0
16:58	0.003	0
16:59	0.006	0
17:00	0.003	0
17:01	0.007	0
17:02	0.009	0
17:03	0.005	0
17:04	0.009	0
17:05	0.009	0
17:06	0.005	0
17:07	0.005	0
17:08	0.002	0
17:09	0.005	0
17:10	0	0
17:11	0.003	0
17:12	0.004	0
17:13	0.007	0
17:14	0.002	0
17:15	0.003	0
17:16	0.003	0
17:17	0.001	0
17:18	0.002	0
17:19	0.002	0
17:20	0.004	0
17:21	0.005	0
17:22	0.01	0
17:23	0.008	0
17:24	0.002	0
17:25	0.001	0
17:26	0.001	0
17:27	0.001	0
17:28	0.003	0
17:29	0.002	0
17:30	0.003	0
17:31	0.001	0
17:32	0.001	0
17:33	0.001	0
17:34	0.004	0
17:35	0.004	0
17:36	0.007	0

17:37	0.005	0
17:38	0.002	0
17:39	0.003	0
17:40	0.005	0
17:41	0.002	0
17:42	0.002	0
17:43	0.008	0
17:44	0.002	0
17:45	0.001	0
17:46	0.001	0
17:47	0.002	0
17:48	0.01	0
17:49	0.008	0
17:50	0.003	0
17:51	0.005	0
17:52	0.005	0
17:53	0.01	0
17:54	0.006	0
17:55	0.003	0
17:56	0.001	0
17:57	0.002	0
17:58	0.02	0
17:59	0.001	0