

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

Thomas Jensen

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	Wind
TEMP.	< 32		32-50		50-70	X	70-85		>85	E –3 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	6/5/23
Project:	585 Union Street, Brooklyn, NY				

Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 06:45 Time Out: 18:00	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:

- Continued forming foundation wall in WC-6 and WC-7;
- Continued pile work in WC-1;
- Vapor barrier inspection on two (2) pile caps in WC-1; and
- Additional vapor barrier installation in progress in WC-1.

Vapor Barrier Inspection of pile caps in WC-1

- Stego Industries Inc. 20-mil Stego Wrap® was installed on top two pile caps in WC-1;
 - No cuts or breakages were noted in Stego Wrap®, perforations were sealed with Stego Tape®;
 - Stego was applied on top of gravel subbase;
 - Stego Wrap® seems were overlapped by a minimum of 6-inches and secured using Stego Tape®, it should be noted that the area of adhesion was free from dust, dirt and moisture to allow for maximum adhesion;
 - Stego products were applied during dry weather conditions;
 - Impact performed a final inspection in this portion of the Site to ensure no issues were observed with the product application.

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 = __0.0__ ppm, Dust = __0.019__ mg/m³ @ 7:44
- High Conditions (Upwind) – PID = __0.8__ ppm @ 8:29, Dust = .145 mg/m³ @ 7:44
- High Conditions (Downwind) – PID = __0.0__ ppm , Dust = .029 mg/m³ @ 6:56

Notable Site Conditions:

- See Site Activities.

Planned for the Next Day:

- Continued excavation and pile in WC-1 and WC-2; and
- Pouring concrete for foundation wall in WC-6 and WC-7

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –
Representative
photo of
forming the
foundation wall
in WC-6 and
WC-7.



Photo 2 –
Representative
view of rebar
work in WC-1
and WC-2.



Photo 3 –

Representative view of forming pile caps in WC-1 and WC-2.



Photo 4 –

Representative photo of protrusions covered with STEGO tape.



Photo 5 –

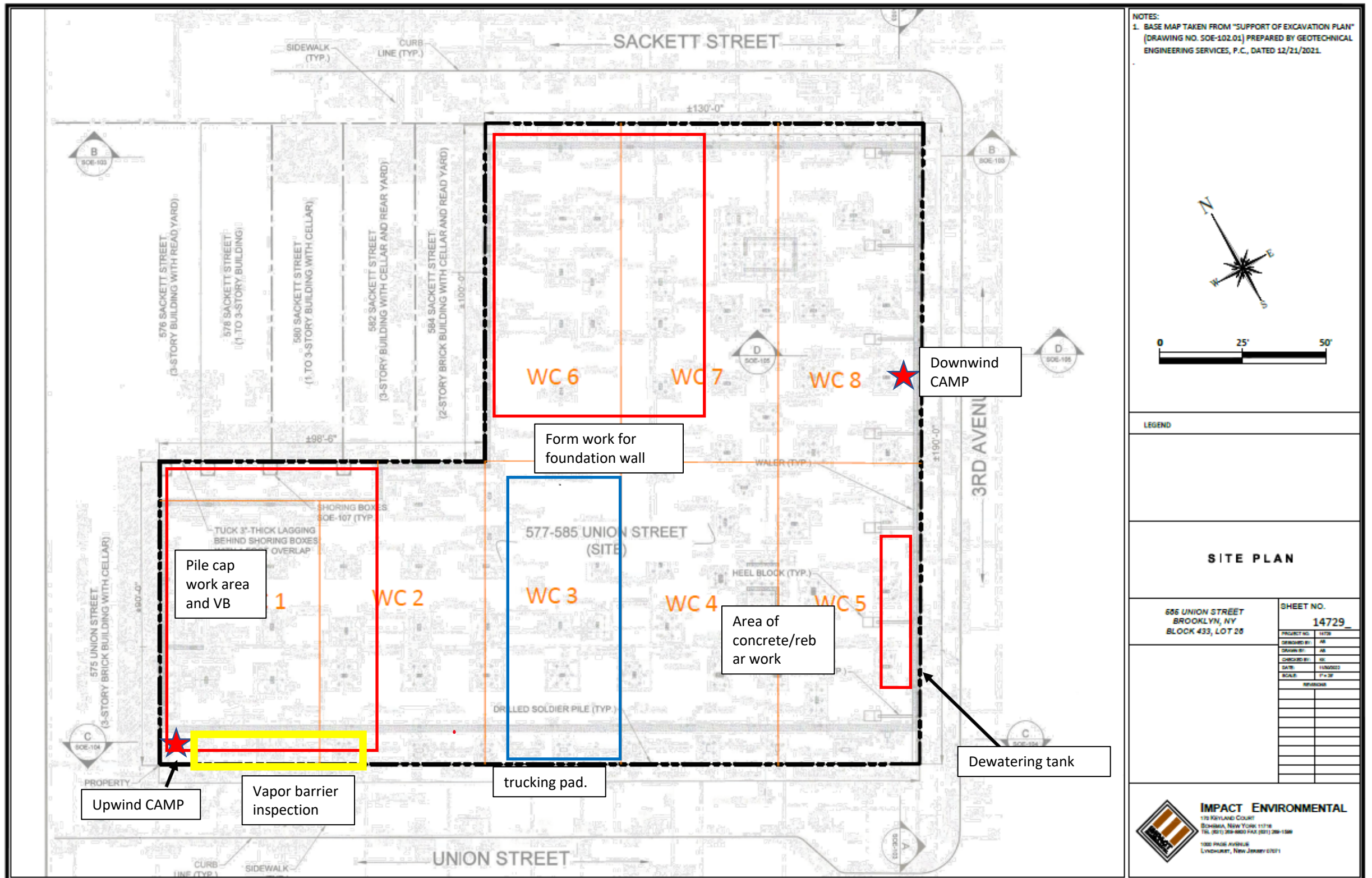
Representative photo of a pile cap properly sealed with STEGO mastic and STEGO tape.



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_003
Test Start Time	6:51:56 AM
Test Start Date	6/5/2023
Test Length [D:H:M]	0:11:02
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.033
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.145
Mass TWA [mg/m3]	0.032
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	662

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:51	0.019	0		
6:52	0.01	0		
6:53	0.008	0		
6:54	0.01	0		
6:55	0.015	0		
6:56	0.015	0		
6:57	0.01	0		
6:58	0.009	0		
6:59	0.007	0		
7:00	0.008	0		
7:01	0.008	0		
7:02	0.008	0		
7:03	0.007	0		
7:04	0.007	0		
7:05	0.01	0		
7:06	0.012	0		
7:07	0.013	0		
7:08	0.011	0		
7:09	0.01	0		
7:10	0.011	0		
7:11	0.011	0		
7:12	0.017	0		
7:13	0.035	0		
7:14	0.055	0		
7:15	0.031	0		
7:16	0.046	0		
7:17	0.021	0		

7:18	0.018	0
7:19	0.024	0
7:20	0.024	0
7:21	0.018	0
7:22	0.019	0
7:23	0.019	0
7:24	0.011	0
7:25	0.016	0
7:26	0.028	0
7:27	0.033	0
7:28	0.05	0
7:29	0.058	0
7:30	0.097	0
7:31	0.072	0
7:32	0.053	0
7:33	0.067	0
7:34	0.035	0
7:35	0.096	0
7:36	0.093	0
7:37	0.072	0
7:38	0.083	0
7:39	0.098	0
7:40	0.067	0
7:41	0.056	0
7:42	0.028	0
7:43	0.017	0
7:44	0.145	0
7:45	0.051	0
7:46	0.043	0
7:47	0.089	0
7:48	0.109	0
7:49	0.115	0
7:50	0.028	0
7:51	0.02	0
7:52	0.021	0
7:53	0.025	0
7:54	0.019	0
7:55	0.021	0
7:56	0.057	0
7:57	0.046	0
7:58	0.045	0
7:59	0.048	0
8:00	0.075	0
8:01	0.125	0
8:02	0.078	0
8:03	0.085	0
8:04	0.052	0

8:05	0.083	0
8:06	0.058	0
8:07	0.028	0
8:08	0.02	0
8:09	0.037	0
8:10	0.028	0
8:11	0.012	0
8:12	0.023	0
8:13	0.053	0
8:14	0.037	0
8:15	0.021	0
8:16	0.017	0
8:17	0.029	0
8:18	0.031	0
8:19	0.03	0.1
8:20	0.049	0.1
8:21	0.036	0.1
8:22	0.024	0
8:23	0.033	0
8:24	0.026	0
8:25	0.03	0.1
8:26	0.025	0.1
8:27	0.031	0.2
8:28	0.042	0.3
8:29	0.039	0.8
8:30	0.055	0
8:31	0.037	0.1
8:32	0.046	0.1
8:33	0.04	0.1
8:34	0.023	0
8:35	0.017	0.1
8:36	0.017	0
8:37	0.028	0
8:38	0.022	0
8:39	0.038	0
8:40	0.039	0.1
8:41	0.023	0.1
8:42	0.017	0.1
8:43	0.03	0.3
8:44	0.024	0.1
8:45	0.027	0.4
8:46	0.032	0.6
8:47	0.041	0
8:48	0.033	0
8:49	0.026	0
8:50	0.023	0
8:51	0.027	0

8:52	0.031	0.1
8:53	0.031	0.1
8:54	0.036	0.1
8:55	0.03	0.1
8:56	0.021	0.1
8:57	0.019	0.1
8:58	0.023	0.1
8:59	0.024	0.1
9:00	0.016	0.1
9:01	0.022	0.1
9:02	0.022	0.1
9:03	0.018	0.1
9:04	0.027	0.1
9:05	0.018	0.1
9:06	0.018	0.2
9:07	0.021	0.1
9:08	0.024	0.2
9:09	0.026	0.1
9:10	0.024	0.1
9:11	0.027	0.1
9:12	0.025	0.1
9:13	0.022	0.1
9:14	0.022	0.1
9:15	0.021	0.1
9:16	0.015	0.1
9:17	0.021	0.1
9:18	0.025	0.1
9:19	0.023	0.1
9:20	0.019	0.1
9:21	0.033	0.1
9:22	0.028	0.1
9:23	0.02	0.1
9:24	0.019	0.1
9:25	0.021	0.1
9:26	0.022	0.1
9:27	0.023	0.1
9:28	0.031	0.1
9:29	0.046	0.1
9:30	0.049	0.2
9:31	0.02	0.1
9:32	0.033	0.1
9:33	0.053	0.1
9:34	0.03	0.1
9:35	0.017	0.1
9:36	0.056	0.1
9:37	0.033	0.1
9:38	0.026	0.1

9:39	0.022	0.1
9:40	0.017	0.1
9:41	0.023	0.1
9:42	0.02	0.1
9:43	0.027	0.1
9:44	0.03	0.1
9:45	0.024	0.1
9:46	0.035	0.1
9:47	0.046	0.1
9:48	0.026	0.1
9:49	0.046	0.1
9:50	0.029	0.1
9:51	0.019	0.1
9:52	0.015	0.1
9:53	0.014	0.1
9:54	0.016	0.1
9:55	0.028	0.1
9:56	0.014	0.1
9:57	0.021	0.1
9:58	0.025	0.1
9:59	0.021	0.1
10:00	0.015	0.1
10:01	0.013	0.1
10:02	0.019	0.1
10:03	0.027	0.1
10:04	0.035	0.1
10:05	0.039	0.1
10:06	0.023	0.1
10:07	0.026	0.1
10:08	0.021	0.1
10:09	0.027	0.1
10:10	0.019	0.1
10:11	0.019	0.1
10:12	0.022	0.1
10:13	0.023	0.1
10:14	0.023	0.1
10:15	0.042	0.1
10:16	0.055	0.1
10:17	0.034	0.1
10:18	0.121	0.2
10:19	0.07	0.1
10:20	0.043	0.1
10:21	0.029	0.1
10:22	0.028	0.1
10:23	0.072	0.1
10:24	0.056	0.4
10:25	0.034	0.1

10:26	0.018	0.1
10:27	0.025	0.2
10:28	0.025	0.1
10:29	0.024	0.1
10:30	0.037	0.1
10:31	0.028	0.1
10:32	0.038	0.1
10:33	0.057	0.1
10:34	0.033	0.1
10:35	0.021	0.1
10:36	0.021	0.1
10:37	0.019	0.1
10:38	0.019	0.1
10:39	0.017	0.1
10:40	0.017	0.1
10:41	0.021	0.1
10:42	0.018	0.1
10:43	0.028	0.1
10:44	0.026	0.1
10:45	0.028	0.1
10:46	0.027	0.1
10:47	0.022	0.1
10:48	0.015	0.1
10:49	0.023	0.1
10:50	0.025	0.1
10:51	0.038	0.1
10:52	0.032	0.1
10:53	0.022	0.1
10:54	0.018	0.1
10:55	0.016	0.1
10:56	0.014	0.1
10:57	0.019	0.1
10:58	0.017	0.1
10:59	0.037	0.1
11:00	0.04	0.1
11:01	0.02	0.1
11:02	0.034	0.1
11:03	0.017	0.1
11:04	0.02	0.1
11:05	0.027	0.1
11:06	0.019	0.1
11:07	0.037	0.1
11:08	0.02	0.1
11:09	0.025	0.1
11:10	0.018	0.1
11:11	0.022	0.1
11:12	0.039	0.1

11:13	0.023	0.1
11:14	0.015	0.1
11:15	0.023	0.1
11:16	0.019	0.1
11:17	0.025	0.1
11:18	0.021	0.1
11:19	0.02	0.1
11:20	0.035	0.1
11:21	0.034	0.1
11:22	0.034	0.1
11:23	0.027	0.1
11:24	0.034	0.1
11:25	0.019	0.1
11:26	0.018	0.4
11:27	0.021	0.1
11:28	0.025	0.1
11:29	0.019	0.1
11:30	0.022	0.1
11:31	0.021	0.1
11:32	0.013	0.1
11:33	0.014	0.1
11:34	0.021	0.2
11:35	0.017	0.1
11:36	0.016	0.2
11:37	0.024	0.1
11:38	0.025	0.1
11:39	0.027	0.2
11:40	0.028	0.2
11:41	0.033	0.2
11:42	0.021	0.1
11:43	0.018	0.2
11:44	0.021	0.2
11:45	0.013	0.2
11:46	0.014	0.2
11:47	0.015	0.2
11:48	0.017	0.2
11:49	0.021	0.2
11:50	0.016	0.2
11:51	0.02	0.2
11:52	0.023	0.2
11:53	0.02	0.2
11:54	0.015	0.2
11:55	0.02	0.2
11:56	0.049	0.2
11:57	0.061	0.2
11:58	0.035	0.2
11:59	0.023	0.2

12:00	0.032	0.2
12:01	0.029	0.2
12:02	0.021	0.2
12:03	0.041	0.2
12:04	0.052	0.2
12:05	0.038	0.2
12:06	0.037	0.2
12:07	0.042	0.2
12:08	0.041	0.2
12:09	0.046	0.2
12:10	0.04	0.2
12:11	0.019	0.2
12:12	0.024	0.2
12:13	0.029	0.2
12:14	0.016	0.2
12:15	0.036	0.2
12:16	0.062	0.2
12:17	0.04	0.2
12:18	0.028	0.2
12:19	0.047	0.2
12:20	0.111	0.2
12:21	0.033	0.2
12:22	0.025	0.2
12:23	0.034	0.2
12:24	0.034	0.2
12:25	0.042	0.2
12:26	0.031	0.2
12:27	0.021	0.2
12:28	0.017	0.1
12:29	0.025	0.1
12:30	0.024	0.2
12:31	0.028	0.2
12:32	0.028	0.2
12:33	0.038	0.2
12:34	0.044	0.2
12:35	0.036	0.2
12:36	0.027	0.2
12:37	0.047	0.2
12:38	0.05	0.2
12:39	0.043	0.2
12:40	0.028	0.2
12:41	0.043	0.2
12:42	0.053	0.2
12:43	0.045	0.2
12:44	0.03	0.2
12:45	0.033	0.2
12:46	0.041	0.2

12:47	0.027	0.2
12:48	0.032	0.2
12:49	0.027	0.2
12:50	0.027	0.2
12:51	0.021	0.2
12:52	0.08	0.2
12:53	0.015	0.2
12:54	0.043	0.2
12:55	0.028	0.2
12:56	0.023	0.2
12:57	0.036	0.2
12:58	0.03	0.2
12:59	0.018	0.2
13:00	0.019	0.2
13:01	0.016	0.2
13:02	0.024	0.2
13:03	0.033	0.2
13:04	0.019	0.2
13:05	0.022	0.2
13:06	0.04	0.2
13:07	0.038	0.2
13:08	0.031	0.2
13:09	0.026	0.2
13:10	0.02	0.2
13:11	0.025	0.2
13:12	0.023	0.2
13:13	0.017	0.2
13:14	0.014	0.2
13:15	0.015	0.2
13:16	0.015	0.2
13:17	0.092	0.2
13:18	0.033	0.2
13:19	0.021	0.2
13:20	0.017	0.2
13:21	0.017	0.2
13:22	0.015	0.2
13:23	0.016	0.2
13:24	0.019	0.2
13:25	0.025	0.2
13:26	0.028	0.2
13:27	0.034	0.2
13:28	0.035	0.2
13:29	0.023	0.2
13:30	0.017	0.2
13:31	0.047	0.2
13:32	0.02	0.2
13:33	0.017	0.2

13:34	0.013	0.2
13:35	0.017	0.2
13:36	0.029	0.2
13:37	0.02	0.2
13:38	0.019	0.2
13:39	0.018	0.2
13:40	0.015	0.2
13:41	0.017	0.2
13:42	0.03	0.2
13:43	0.021	0.2
13:44	0.017	0.2
13:45	0.018	0.2
13:46	0.015	0.2
13:47	0.014	0.2
13:48	0.013	0.2
13:49	0.013	0.2
13:50	0.014	0.2
13:51	0.013	0.2
13:52	0.013	0.2
13:53	0.015	0.2
13:54	0.015	0.2
13:55	0.014	0.2
13:56	0.03	0.2
13:57	0.02	0.2
13:58	0.022	0.2
13:59	0.03	0.2
14:00	0.075	0.2
14:01	0.07	0.2
14:02	0.024	0.2
14:03	0.02	0.2
14:04	0.017	0.2
14:05	0.021	0.2
14:06	0.02	0.2
14:07	0.02	0.2
14:08	0.019	0.2
14:09	0.036	0.2
14:10	0.038	0.2
14:11	0.034	0.2
14:12	0.031	0.2
14:13	0.035	0.2
14:14	0.026	0.2
14:15	0.11	0.2
14:16	0.078	0.2
14:17	0.025	0.2
14:18	0.031	0.2
14:19	0.087	0.2
14:20	0.025	0.2

14:21	0.035	0.2
14:22	0.035	0.2
14:23	0.033	0.2
14:24	0.024	0.2
14:25	0.053	0.2
14:26	0.092	0.2
14:27	0.048	0.2
14:28	0.038	0.2
14:29	0.051	0.2
14:30	0.026	0.2
14:31	0.026	0.2
14:32	0.055	0.2
14:33	0.022	0.2
14:34	0.029	0.2
14:35	0.119	0.2
14:36	0.035	0.2
14:37	0.033	0.2
14:38	0.029	0.2
14:39	0.045	0.2
14:40	0.027	0.2
14:41	0.028	0.2
14:42	0.028	0.2
14:43	0.022	0.2
14:44	0.03	0.2
14:45	0.017	0.2
14:46	0.016	0.2
14:47	0.019	0.2
14:48	0.035	0.2
14:49	0.035	0.2
14:50	0.05	0.2
14:51	0.045	0.2
14:52	0.028	0.2
14:53	0.057	0.2
14:54	0.047	0.2
14:55	0.045	0.2
14:56	0.03	0.2
14:57	0.018	0.2
14:58	0.019	0.2
14:59	0.02	0.2
15:00	0.021	0.2
15:01	0.032	0.2
15:02	0.027	0.2
15:03	0.03	0.2
15:04	0.036	0.2
15:05	0.019	0.2
15:06	0.016	0.2
15:07	0.015	0.2

15:08	0.023	0.2
15:09	0.127	0.2
15:10	0.028	0.2
15:11	0.029	0.2
15:12	0.024	0.1
15:13	0.085	0.1
15:14	0.047	0.1
15:15	0.027	0.1
15:16	0.035	0.1
15:17	0.063	0.1
15:18	0.039	0.1
15:19	0.03	0.1
15:20	0.046	0.1
15:21	0.034	0.1
15:22	0.092	0.1
15:23	0.079	0.1
15:24	0.07	0.1
15:25	0.048	0.1
15:26	0.026	0.1
15:27	0.026	0.1
15:28	0.027	0.3
15:29	0.028	0.1
15:30	0.03	0.1
15:31	0.029	0.1
15:32	0.085	0.1
15:33	0.116	0.1
15:34	0.071	0.1
15:35	0.056	0.1
15:36	0.049	0.1
15:37	0.042	0.1
15:38	0.035	0.1
15:39	0.042	0.1
15:40	0.039	0.1
15:41	0.028	0.1
15:42	0.027	0.1
15:43	0.043	0.1
15:44	0.076	0.1
15:45	0.051	0.1
15:46	0.039	0.1
15:47	0.035	0.1
15:48	0.024	0.1
15:49	0.029	0.1
15:50	0.037	0.1
15:51	0.032	0.1
15:52	0.037	0.1
15:53	0.037	0.1
15:54	0.031	0.1

15:55	0.03	0.1
15:56	0.023	0.1
15:57	0.125	0.1
15:58	0.112	0.1
15:59	0.046	0.2
16:00	0.064	0.2
16:01	0.029	0.1
16:02	0.035	0.1
16:03	0.026	0.2
16:04	0.024	0.2
16:05	0.018	0.1
16:06	0.029	0.1
16:07	0.034	0.1
16:08	0.041	0.1
16:09	0.044	0.1
16:10	0.113	0.1
16:11	0.082	0.1
16:12	0.052	0.1
16:13	0.113	0.1
16:14	0.119	0.1
16:15	0.107	0.1
16:16	0.051	0.1
16:17	0.037	0.1
16:18	0.025	0.2
16:19	0.02	0.2
16:20	0.023	0.3
16:21	0.021	0.1
16:22	0.056	0.1
16:23	0.03	0.1
16:24	0.025	0.1
16:25	0.021	0.1
16:26	0.02	0.1
16:27	0.022	0.1
16:28	0.027	0.1
16:29	0.024	0.1
16:30	0.021	0.1
16:31	0.016	0.1
16:32	0.016	0.1
16:33	0.017	0.1
16:34	0.02	0.1
16:35	0.017	0.1
16:36	0.017	0.1
16:37	0.018	0.1
16:38	0.017	0
16:39	0.018	0
16:40	0.018	0
16:41	0.019	0

16:42	0.021	0
16:43	0.023	0
16:44	0.021	0
16:45	0.021	0
16:46	0.019	0
16:47	0.02	0
16:48	0.023	0
16:49	0.023	0
16:50	0.047	0
16:51	0.03	0
16:52	0.023	0
16:53	0.038	0
16:54	0.026	0
16:55	0.024	0
16:56	0.019	0
16:57	0.023	0
16:58	0.024	0
16:59	0.033	0
17:00	0.027	0
17:01	0.025	0
17:02	0.065	0
17:03	0.058	0
17:04	0.044	0
17:05	0.032	0
17:06	0.026	0
17:07	0.023	0
17:08	0.024	0
17:09	0.024	0
17:10	0.024	0
17:11	0.019	0
17:12	0.016	0
17:13	0.034	0.1
17:14	0.049	0
17:15	0.04	0
17:16	0.052	0
17:17	0.033	0
17:18	0.038	0
17:19	0.043	0
17:20	0.028	0
17:21	0.021	0
17:22	0.023	0
17:23	0.022	0
17:24	0.022	0
17:25	0.02	0
17:26	0.021	0
17:27	0.025	0
17:28	0.037	0

17:29	0.023	0
17:30	0.026	0
17:31	0.034	0
17:32	0.035	0
17:33	0.026	0
17:34	0.026	0
17:35	0.037	0
17:36	0.041	0
17:37	0.022	0
17:38	0.044	0
17:39	0.058	0
17:40	0.038	0
17:41	0.024	0
17:42	0.022	0
17:43	0.023	0
17:44	0.021	0
17:45	0.024	0
17:46	0.023	0
17:47	0.018	0
17:48	0.033	0
17:49	0.025	0
17:50	0.02	0
17:51	0.024	0
17:52	0.021	0

DOWNWIND CAMP READINGS

585 Union Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142601
Firmware Version	3.1
Calibration Date	10/4/2022
Test Name	MANUAL_004
Test Start Time	6:56:34 AM
Test Start Date	6/5/2023
Test Length [D:H:M]	0:10:52
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	652

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:56	0.029	0.0		
6:57	0.008	0.0		
6:58	0.008	0.0		
6:59	0.007	0.0		
7:00	0.007	0.0		
7:01	0.007	0.0		
7:02	0.007	0.0		
7:03	0.007	0.0		
7:04	0.006	0.0		
7:05	0.008	0.0		
7:06	0.007	0.0		
7:07	0.007	0.0		
7:08	0.008	0.0		
7:09	0.007	0.0		
7:10	0.007	0.0		
7:11	0.007	0.0		
7:12	0.008	0.0		
7:13	0.008	0.0		
7:14	0.009	0.0		
7:15	0.008	0.0		
7:16	0.01	0.0		
7:17	0.011	0.0		
7:18	0.018	0.0		
7:19	0.011	0.0		
7:20	0.007	0.0		
7:21	0.008	0.0		
7:22	0.008	0.0		

7:23	0.008	0.0
7:24	0.008	0.0
7:25	0.008	0.0
7:26	0.01	0.0
7:27	0.015	0.0
7:28	0.025	0.0
7:29	0.019	0.0
7:30	0.014	0.0
7:31	0.011	0.0
7:32	0.013	0.0
7:33	0.012	0.0
7:34	0.007	0.0
7:35	0.008	0.0
7:36	0.01	0.0
7:37	0.015	0.0
7:38	0.011	0.0
7:39	0.01	0.0
7:40	0.009	0.0
7:41	0.01	0.0
7:42	0.008	0.0
7:43	0.009	0.0
7:44	0.011	0.0
7:45	0.018	0.0
7:46	0.015	0.0
7:47	0.009	0.0
7:48	0.011	0.0
7:49	0.009	0.0
7:50	0.022	0.0
7:51	0.013	0.0
7:52	0.012	0.0
7:53	0.019	0.0
7:54	0.008	0.0
7:55	0.007	0.0
7:56	0.007	0.0
7:57	0.008	0.0
7:58	0.009	0.0
7:59	0.008	0.0
8:00	0.008	0.0
8:01	0.008	0.0
8:02	0.014	0.0
8:03	0.016	0.0
8:04	0.015	0.0
8:05	0.018	0.0
8:06	0.018	0.0
8:07	0.013	0.0
8:08	0.016	0.0
8:09	0.017	0.0

8:10	0.018	0.0
8:11	0.009	0.0
8:12	0.011	0.0
8:13	0.012	0.0
8:14	0.013	0.0
8:15	0.008	0.0
8:16	0.016	0.0
8:17	0.008	0.0
8:18	0.007	0.0
8:19	0.007	0.0
8:20	0.007	0.0
8:21	0.008	0.0
8:22	0.007	0.0
8:23	0.006	0.0
8:24	0.007	0.0
8:25	0.008	0.0
8:26	0.011	0.0
8:27	0.016	0.0
8:28	0.018	0.0
8:29	0.014	0.0
8:30	0.012	0.0
8:31	0.012	0.0
8:32	0.014	0.0
8:33	0.008	0.0
8:34	0.008	0.0
8:35	0.006	0.0
8:36	0.009	0.0
8:37	0.01	0.0
8:38	0.007	0.0
8:39	0.008	0.0
8:40	0.008	0.0
8:41	0.007	0.0
8:42	0.007	0.0
8:43	0.007	0.0
8:44	0.007	0.0
8:45	0.007	0.0
8:46	0.009	0.0
8:47	0.011	0.0
8:48	0.008	0.0
8:49	0.009	0.0
8:50	0.015	0.0
8:51	0.01	0.0
8:52	0.009	0.0
8:53	0.012	0.0
8:54	0.015	0.0
8:55	0.01	0.0
8:56	0.019	0.0

8:57	0.014	0.0
8:58	0.007	0.0
8:59	0.007	0.0
9:00	0.007	0.0
9:01	0.006	0.0
9:02	0.007	0.0
9:03	0.006	0.0
9:04	0.006	0.0
9:05	0.006	0.0
9:06	0.005	0.0
9:07	0.006	0.0
9:08	0.007	0.0
9:09	0.008	0.0
9:10	0.007	0.0
9:11	0.007	0.0
9:12	0.007	0.0
9:13	0.01	0.0
9:14	0.008	0.0
9:15	0.009	0.0
9:16	0.007	0.0
9:17	0.007	0.0
9:18	0.006	0.0
9:19	0.006	0.0
9:20	0.007	0.0
9:21	0.007	0.0
9:22	0.006	0.0
9:23	0.01	0.0
9:24	0.006	0.0
9:25	0.007	0.0
9:26	0.009	0.0
9:27	0.011	0.0
9:28	0.01	0.0
9:29	0.013	0.0
9:30	0.012	0.0
9:31	0.013	0.0
9:32	0.009	0.0
9:33	0.009	0.0
9:34	0.009	0.0
9:35	0.008	0.0
9:36	0.009	0.0
9:37	0.008	0.0
9:38	0.006	0.0
9:39	0.006	0.0
9:40	0.005	0.0
9:41	0.005	0.0
9:42	0.005	0.0
9:43	0.005	0.0

9:44	0.005	0.0
9:45	0.004	0.0
9:46	0.005	0.0
9:47	0.01	0.0
9:48	0.012	0.0
9:49	0.006	0.0
9:50	0.005	0.0
9:51	0.006	0.0
9:52	0.009	0.0
9:53	0.007	0.0
9:54	0.011	0.0
9:55	0.009	0.0
9:56	0.004	0.0
9:57	0.005	0.0
9:58	0.004	0.0
9:59	0.005	0.0
10:00	0.006	0.0
10:01	0.006	0.0
10:02	0.006	0.0
10:03	0.004	0.0
10:04	0.004	0.0
10:05	0.004	0.0
10:06	0.004	0.0
10:07	0.004	0.0
10:08	0.004	0.0
10:09	0.005	0.0
10:10	0.004	0.0
10:11	0.004	0.0
10:12	0.004	0.0
10:13	0.006	0.0
10:14	0.006	0.0
10:15	0.005	0.0
10:16	0.005	0.0
10:17	0.007	0.0
10:18	0.006	0.0
10:19	0.009	0.0
10:20	0.007	0.0
10:21	0.007	0.0
10:22	0.006	0.0
10:23	0.006	0.0
10:24	0.006	0.0
10:25	0.005	0.0
10:26	0.004	0.0
10:27	0.005	0.0
10:28	0.005	0.0
10:29	0.005	0.0
10:30	0.005	0.0

10:31	0.007	0.0
10:32	0.005	0.0
10:33	0.004	0.0
10:34	0.005	0.0
10:35	0.007	0.0
10:36	0.005	0.0
10:37	0.004	0.0
10:38	0.004	0.0
10:39	0.005	0.0
10:40	0.004	0.0
10:41	0.005	0.0
10:42	0.004	0.0
10:43	0.005	0.0
10:44	0.006	0.0
10:45	0.005	0.0
10:46	0.005	0.0
10:47	0.004	0.0
10:48	0.005	0.0
10:49	0.004	0.0
10:50	0.006	0.0
10:51	0.005	0.0
10:52	0.004	0.0
10:53	0.004	0.0
10:54	0.005	0.0
10:55	0.004	0.0
10:56	0.004	0.0
10:57	0.004	0.0
10:58	0.004	0.0
10:59	0.005	0.0
11:00	0.004	0.0
11:01	0.005	0.0
11:02	0.006	0.0
11:03	0.004	0.0
11:04	0.005	0.0
11:05	0.007	0.0
11:06	0.004	0.0
11:07	0.004	0.0
11:08	0.005	0.0
11:09	0.004	0.0
11:10	0.005	0.0
11:11	0.007	0.0
11:12	0.007	0.0
11:13	0.003	0.0
11:14	0.002	0.0
11:15	0.008	0.0
11:16	0.005	0.0
11:17	0.006	0.0

11:18	0.005	0.0
11:19	0.003	0.0
11:20	0.003	0.0
11:21	0.004	0.0
11:22	0.007	0.0
11:23	0.007	0.0
11:24	0.006	0.0
11:25	0.003	0.0
11:26	0.002	0.0
11:27	0.014	0.0
11:28	0.005	0.0
11:29	0.004	0.0
11:30	0.003	0.0
11:31	0.003	0.0
11:32	0.003	0.0
11:33	0.002	0.0
11:34	0.003	0.0
11:35	0.004	0.0
11:36	0.007	0.0
11:37	0.003	0.0
11:38	0.005	0.0
11:39	0.004	0.0
11:40	0.004	0.0
11:41	0.004	0.0
11:42	0.003	0.0
11:43	0.004	0.0
11:44	0.004	0.0
11:45	0.003	0.0
11:46	0.001	0.0
11:47	0.002	0.0
11:48	0.002	0.0
11:49	0.003	0.0
11:50	0.003	0.0
11:51	0.002	0.0
11:52	0.003	0.0
11:53	0.003	0.0
11:54	0.001	0.0
11:55	0.002	0.0
11:56	0.008	0.0
11:57	0.009	0.0
11:58	0.006	0.0
11:59	0.003	0.0
12:00	0.002	0.0
12:01	0.003	0.0
12:02	0.003	0.0
12:03	0.004	0.0
12:04	0.006	0.0

12:05	0.007	0.0
12:06	0.004	0.0
12:07	0.002	0.0
12:08	0.004	0.0
12:09	0.002	0.0
12:10	0.002	0.0
12:11	0.001	0.0
12:12	0.004	0.0
12:13	0.001	0.0
12:14	0.001	0.0
12:15	0.003	0.0
12:16	0.023	0.0
12:17	0.005	0.0
12:18	0.001	0.0
12:19	0.001	0.0
12:20	0.003	0.0
12:21	0.011	0.0
12:22	0.001	0.0
12:23	0.001	0.0
12:24	0.001	0.0
12:25	0.001	0.0
12:26	0.001	0.0
12:27	0	0.0
12:28	0.001	0.0
12:29	0	0.0
12:30	0	0.0
12:31	0.001	0.0
12:32	0.001	0.0
12:33	0.006	0.0
12:34	0.012	0.0
12:35	0.004	0.0
12:36	0.009	0.0
12:37	0.004	0.0
12:38	0.001	0.0
12:39	0.002	0.0
12:40	0.003	0.0
12:41	0.008	0.0
12:42	0.017	0.0
12:43	0.001	0.0
12:44	0.005	0.0
12:45	0.002	0.0
12:46	0.002	0.0
12:47	0.003	0.0
12:48	0.001	0.0
12:49	0.003	0.0
12:50	0.012	0.0
12:51	0.001	0.0

12:52	0	0.0
12:53	0	0.0
12:54	0	0.0
12:55	0.001	0.0
12:56	0.004	0.0
12:57	0	0.0
12:58	0.001	0.0
12:59	0.001	0.0
13:00	0	0.0
13:01	0.001	0.0
13:02	0.001	0.0
13:03	0	0.0
13:04	0	0.0
13:05	0.001	0.0
13:06	0.001	0.0
13:07	0	0.0
13:08	0	0.0
13:09	0	0.0
13:10	0.001	0.0
13:11	0	0.0
13:12	0	0.0
13:13	0	0.0
13:14	0	0.0
13:15	0	0.0
13:16	0	0.0
13:17	0.001	0.0
13:18	0.001	0.0
13:19	0	0.0
13:20	0.003	0.0
13:21	0	0.0
13:22	0	0.0
13:23	0	0.0
13:24	0	0.0
13:25	0.001	0.0
13:26	0.01	0.0
13:27	0.004	0.0
13:28	0.002	0.0
13:29	0.002	0.0
13:30	0.001	0.0
13:31	0.001	0.0
13:32	0	0.0
13:33	0.001	0.0
13:34	0	0.0
13:35	0.001	0.0
13:36	0.002	0.0
13:37	0.001	0.0
13:38	0.001	0.0

13:39	0.001	0.0
13:40	0	0.0
13:41	0.002	0.0
13:42	0.006	0.0
13:43	0.004	0.0
13:44	0.003	0.0
13:45	0.002	0.0
13:46	0.001	0.0
13:47	0	0.0
13:48	0	0.0
13:49	0.001	0.0
13:50	0.001	0.0
13:51	0.001	0.0
13:52	0	0.0
13:53	0	0.0
13:54	0	0.0
13:55	0.001	0.0
13:56	0.002	0.0
13:57	0.001	0.0
13:58	0.001	0.0
13:59	0.001	0.0
14:00	0.001	0.0
14:01	0.001	0.0
14:02	0.001	0.0
14:03	0.001	0.0
14:04	0.001	0.0
14:05	0.001	0.0
14:06	0.006	0.0
14:07	0.001	0.0
14:08	0.003	0.0
14:09	0.001	0.0
14:10	0.001	0.0
14:11	0.001	0.0
14:12	0.001	0.0
14:13	0.001	0.0
14:14	0.001	0.0
14:15	0.001	0.0
14:16	0.003	0.0
14:17	0.003	0.0
14:18	0.008	0.0
14:19	0.021	0.0
14:20	0.013	0.0
14:21	0.006	0.0
14:22	0.002	0.0
14:23	0.001	0.0
14:24	0	0.0
14:25	0.001	0.0

14:26	0.003	0.0
14:27	0.002	0.0
14:28	0.002	0.0
14:29	0.002	0.0
14:30	0.004	0.0
14:31	0.003	0.0
14:32	0.003	0.0
14:33	0.001	0.0
14:34	0.001	0.0
14:35	0.001	0.0
14:36	0.001	0.0
14:37	0.002	0.0
14:38	0.002	0.0
14:39	0.002	0.0
14:40	0.008	0.0
14:41	0.009	0.0
14:42	0.006	0.0
14:43	0.005	0.0
14:44	0.002	0.0
14:45	0	0.0
14:46	0.001	0.0
14:47	0.007	0.0
14:48	0	0.0
14:49	0.001	0.0
14:50	0.002	0.0
14:51	0.002	0.0
14:52	0.001	0.0
14:53	0.001	0.0
14:54	0.001	0.0
14:55	0.001	0.0
14:56	0.007	0.0
14:57	0.004	0.0
14:58	0.001	0.0
14:59	0.001	0.0
15:00	0.001	0.0
15:01	0.002	0.0
15:02	0.001	0.0
15:03	0.001	0.0
15:04	0	0.0
15:05	0	0.0
15:06	0	0.0
15:07	0.002	0.0
15:08	0.001	0.0
15:09	0.001	0.0
15:10	0.001	0.0
15:11	0	0.0
15:12	0	0.0

15:13	0	0.0
15:14	0.007	0.0
15:15	0.002	0.0
15:16	0.001	0.0
15:17	0	0.0
15:18	0.002	0.0
15:19	0.002	0.0
15:20	0.001	0.0
15:21	0.002	0.0
15:22	0.001	0.0
15:23	0.001	0.0
15:24	0.002	0.0
15:25	0.002	0.0
15:26	0.001	0.0
15:27	0.001	0.0
15:28	0.001	0.0
15:29	0.002	0.0
15:30	0.001	0.0
15:31	0.002	0.0
15:32	0.003	0.0
15:33	0.006	0.0
15:34	0.004	0.0
15:35	0.005	0.0
15:36	0.008	0.0
15:37	0.005	0.0
15:38	0.007	0.0
15:39	0.004	0.0
15:40	0.003	0.0
15:41	0.006	0.0
15:42	0.001	0.0
15:43	0.002	0.0
15:44	0.006	0.0
15:45	0.005	0.0
15:46	0.011	0.0
15:47	0.009	0.0
15:48	0.007	0.0
15:49	0.003	0.0
15:50	0.001	0.0
15:51	0.002	0.0
15:52	0.004	0.0
15:53	0.014	0.0
15:54	0.011	0.0
15:55	0.001	0.0
15:56	0.006	0.0
15:57	0.012	0.0
15:58	0.012	0.0
15:59	0.005	0.0

16:00	0.001	0.0
16:01	0.001	0.0
16:02	0.004	0.0
16:03	0.002	0.0
16:04	0.004	0.0
16:05	0.013	0.0
16:06	0.004	0.0
16:07	0.009	0.0
16:08	0.004	0.0
16:09	0.011	0.0
16:10	0.015	0.0
16:11	0.009	0.0
16:12	0.007	0.0
16:13	0.005	0.0
16:14	0.004	0.0
16:15	0.006	0.0
16:16	0.003	0.0
16:17	0.004	0.0
16:18	0.002	0.0
16:19	0.002	0.0
16:20	0.002	0.0
16:21	0.001	0.0
16:22	0.001	0.0
16:23	0.001	0.0
16:24	0.003	0.0
16:25	0.016	0.0
16:26	0.013	0.0
16:27	0.009	0.0
16:28	0.003	0.0
16:29	0.003	0.0
16:30	0.003	0.0
16:31	0.002	0.0
16:32	0.005	0.0
16:33	0.002	0.0
16:34	0.001	0.0
16:35	0.002	0.0
16:36	0.002	0.0
16:37	0.002	0.0
16:38	0.002	0.0
16:39	0.006	0.0
16:40	0.009	0.0
16:41	0.005	0.0
16:42	0.011	0.0
16:43	0.006	0.0
16:44	0.002	0.0
16:45	0.002	0.0
16:46	0.002	0.0

16:47	0.002	0.0
16:48	0.003	0.0
16:49	0.004	0.0
16:50	0.006	0.0
16:51	0.004	0.0
16:52	0.003	0.0
16:53	0.005	0.0
16:54	0.003	0.0
16:55	0.002	0.0
16:56	0.003	0.0
16:57	0.002	0.0
16:58	0.005	0.0
16:59	0.004	0.0
17:00	0.004	0.0
17:01	0.004	0.0
17:02	0.004	0.0
17:03	0.002	0.0
17:04	0.005	0.0
17:05	0.005	0.0
17:06	0.005	0.0
17:07	0.005	0.0
17:08	0.004	0.0
17:09	0.006	0.0
17:10	0.003	0.0
17:11	0.001	0.0
17:12	0.002	0.0
17:13	0.002	0.0
17:14	0.003	0.0
17:15	0.004	0.0
17:16	0.006	0.0
17:17	0.005	0.0
17:18	0.003	0.0
17:19	0.005	0.0
17:20	0.009	0.0
17:21	0.005	0.0
17:22	0.006	0.0
17:23	0.004	0.0
17:24	0.003	0.0
17:25	0.002	0.0
17:26	0.003	0.0
17:27	0.003	0.0
17:28	0.004	0.0
17:29	0.017	0.0
17:30	0.005	0.0
17:31	0.002	0.0
17:32	0.002	0.0
17:33	0.004	0.0

17:34	0.003	0.0
17:35	0.003	0.0
17:36	0.002	0.0
17:37	0.002	0.0
17:38	0.003	0.0
17:39	0.003	0.0
17:40	0.004	0.0
17:41	0.003	0.0
17:42	0.004	0.0
17:43	0.005	0.0
17:44	0.003	0.0
17:45	0.004	0.0
17:46	0.006	0.0
17:47	0.006	0.0