

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

Thomas Jensen

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun		Wind
TEMP.	< 32		32-50		50-70	X	70-85		>85		NE – 2 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	6/27/23
Project:	585 Union Street, Brooklyn, NY				

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 06:30

Time Out: 17:45

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:

- Deployed CAMP at beginning of workday;
- Two (2) trucks of material for backfill from Braen Stone delivered to the Site for the ConEd vault;
- Cleaned out dewatering tank, a total of eleven (11) drums containing cleanout water were produced;
- Excavation of the sidewalk in the site to prepare for the rat slab;
- Finish installing the vapor barrier in WC-2 and WC-3;
- Inspection of vapor barrier in WC-2 and WC-3;
- Rebar work in WC-2 and WC-3; and
- Super structure activities in WC-4 through 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 = 0.044 mg/m³ @ 07:01.
- High Conditions (Upwind) – PID = 4.7 ppm @ 13:07, Dust = 0.149 mg/m³ @ 15:25.
- High Conditions (Downwind) – PID = 0.0 ppm, Dust = 0.143 mg/m³ @ 11:05.

Vapor Barrier in WC-2 and WC-3

- Stego Industries Inc. 20-mil Stego Wrap® was installed on top of the gravel subbase in WC-2 and WC-3;
 - 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.

Notable Site Conditions:

- Note that all excavation is complete.

Planned for the Next Day:

- Continuation rebar work in WC-2 and WC-3;
- Continue super structure activities; and
- Removal of dewatering tank off site.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –

Representative photo of backfill being delivered for the ConEd vault.



Photo 2 –

Representative photo of rebar work in WC-3.



Photo 3 –

Representative photo of excavation work on the sidewalk.



Photo 4 –

Representative photo of protrusions properly sealed within the vapor barrier.

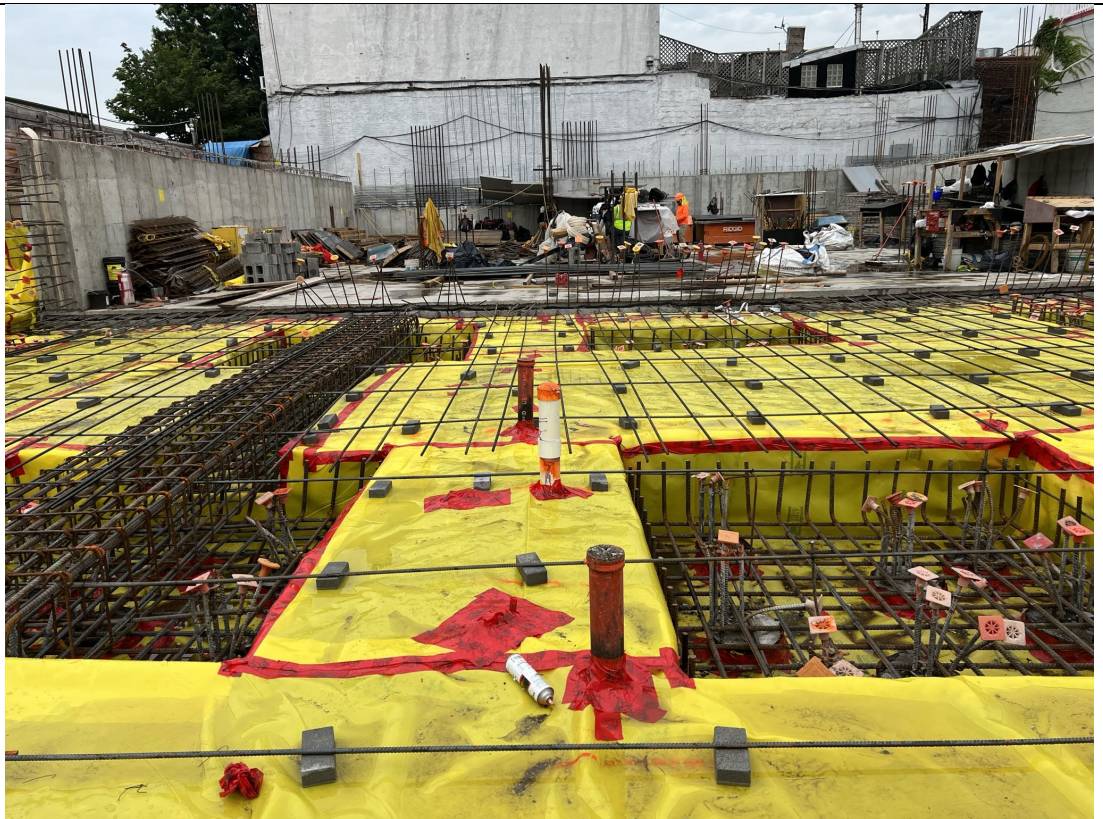


Photo 5 –

Representative photo of tying in the vapor barrier from a previous section.



Photo 6 –

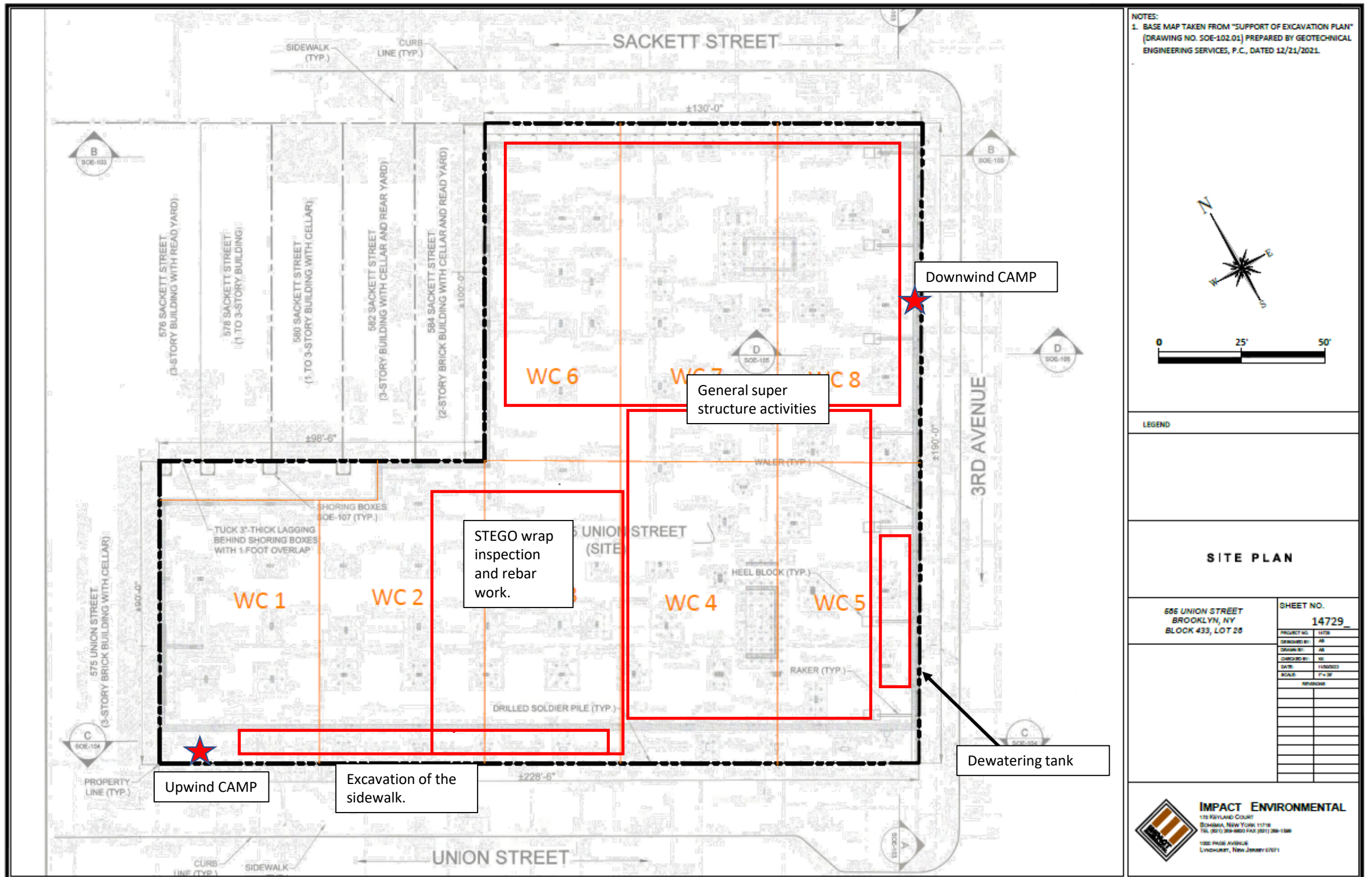
Representative photo of a minimum 6" of overlap with pieces of the vapor barrier.



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_007
Test Start Time	7:01:44 AM
Test Start Date	6/27/2023
Test Length [D:H:M]	0:10:45
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.149
Mass TWA [mg/m3]	0.037
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	645

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:01	0.044	0.1		
7:02	0.033	0		
7:03	0.032	0.1		
7:04	0.031	0.1		
7:05	0.03	0.1		
7:06	0.03	0.1		
7:07	0.03	0.1		
7:08	0.03	0.1		
7:09	0.031	0.1		
7:10	0.032	0.1		
7:11	0.032	0.1		
7:12	0.032	0.1		
7:13	0.062	0.2		
7:14	0.049	0.3		
7:15	0.035	0.3		
7:16	0.037	0.2		
7:17	0.056	0.2		
7:18	0.071	0.2		
7:19	0.033	0.2		
7:20	0.035	0.3		
7:21	0.031	0.2		
7:22	0.029	0.1		
7:23	0.029	0.2		
7:24	0.029	0.1		
7:25	0.039	0.2		
7:26	0.028	0.1		
7:27	0.028	0.1		

7:28	0.028	0.2
7:29	0.027	0.2
7:30	0.026	0.1
7:31	0.026	0.3
7:32	0.03	0
7:33	0.03	0.1
7:34	0.027	0
7:35	0.027	0
7:36	0.027	0
7:37	0.03	0
7:38	0.029	0
7:39	0.028	0
7:40	0.028	0
7:41	0.026	0
7:42	0.025	0.2
7:43	0.025	0.1
7:44	0.027	0.2
7:45	0.028	0.3
7:46	0.03	0.1
7:47	0.031	0.1
7:48	0.029	0
7:49	0.03	0
7:50	0.033	0
7:51	0.039	0
7:52	0.034	0
7:53	0.034	0
7:54	0.032	0
7:55	0.033	0
7:56	0.034	0
7:57	0.034	0
7:58	0.033	0
7:59	0.036	0
8:00	0.037	0
8:01	0.033	0
8:02	0.037	0
8:03	0.045	0
8:04	0.036	0
8:05	0.042	0
8:06	0.037	0
8:07	0.034	0
8:08	0.035	0
8:09	0.033	0
8:10	0.035	0
8:11	0.036	0
8:12	0.037	0
8:13	0.037	0
8:14	0.042	0

8:15	0.037	0
8:16	0.036	0
8:17	0.035	0
8:18	0.033	0
8:19	0.033	0
8:20	0.037	0
8:21	0.038	0
8:22	0.034	0
8:23	0.034	0
8:24	0.034	0
8:25	0.034	0
8:26	0.035	0
8:27	0.035	0
8:28	0.037	0
8:29	0.04	0
8:30	0.039	0
8:31	0.039	0
8:32	0.041	0
8:33	0.041	0
8:34	0.043	0
8:35	0.044	0
8:36	0.045	0
8:37	0.052	0
8:38	0.045	0
8:39	0.043	0
8:40	0.045	0
8:41	0.048	0
8:42	0.043	0
8:43	0.044	0
8:44	0.045	0
8:45	0.044	0
8:46	0.044	0
8:47	0.043	0
8:48	0.042	0.1
8:49	0.043	0.2
8:50	0.044	0.3
8:51	0.043	0.4
8:52	0.043	0.4
8:53	0.044	0.4
8:54	0.043	0.4
8:55	0.046	0.5
8:56	0.046	0.5
8:57	0.046	0.4
8:58	0.045	0.4
8:59	0.048	0.2
9:00	0.044	0.3
9:01	0.047	0.2

9:02	0.047	0.2
9:03	0.052	0.3
9:04	0.048	0.3
9:05	0.05	0.1
9:06	0.05	0.1
9:07	0.051	0.1
9:08	0.051	0
9:09	0.051	0
9:10	0.05	0
9:11	0.05	0
9:12	0.049	0
9:13	0.05	0
9:14	0.051	0
9:15	0.049	0
9:16	0.049	0
9:17	0.047	0
9:18	0.049	0
9:19	0.048	0
9:20	0.05	0
9:21	0.049	0
9:22	0.05	0
9:23	0.046	0
9:24	0.045	0
9:25	0.046	0
9:26	0.046	0
9:27	0.047	0
9:28	0.049	0
9:29	0.048	0
9:30	0.049	0
9:31	0.049	0
9:32	0.049	0.1
9:33	0.048	0
9:34	0.048	0
9:35	0.049	0.1
9:36	0.062	0.2
9:37	0.052	0.1
9:38	0.052	0.1
9:39	0.052	0.2
9:40	0.052	0.5
9:41	0.055	2
9:42	0.053	0.2
9:43	0.054	1.4
9:44	0.052	0
9:45	0.052	0
9:46	0.056	0
9:47	0.056	0
9:48	0.056	0

9:49	0.057	0
9:50	0.056	0.1
9:51	0.058	0.1
9:52	0.053	0
9:53	0.052	0.1
9:54	0.053	0.3
9:55	0.054	0
9:56	0.052	0
9:57	0.055	0
9:58	0.052	0
9:59	0.053	0
10:00	0.05	0
10:01	0.049	0
10:02	0.05	0
10:03	0.053	0
10:04	0.054	0
10:05	0.055	0.1
10:06	0.056	0.1
10:07	0.055	0
10:08	0.054	0.1
10:09	0.053	0.1
10:10	0.051	0.1
10:11	0.049	0.1
10:12	0.046	0.2
10:13	0.046	0.3
10:14	0.046	0.4
10:15	0.045	0.3
10:16	0.048	0.3
10:17	0.046	0.4
10:18	0.044	0.4
10:19	0.043	0.4
10:20	0.044	0.5
10:21	0.049	0.6
10:22	0.043	0.6
10:23	0.039	0.5
10:24	0.039	0.6
10:25	0.039	1.3
10:26	0.038	0.8
10:27	0.041	0.5
10:28	0.04	0.8
10:29	0.039	0.5
10:30	0.038	0.6
10:31	0.038	0.6
10:32	0.039	0.7
10:33	0.042	0.7
10:34	0.04	0.7
10:35	0.036	0.7

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10:37	0.036	0.7
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10:39	0.036	0.7
10:40	0.034	0.7
10:41	0.035	0.7
10:42	0.036	0.7
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10:44	0.034	0.7
10:45	0.034	0.7
10:46	0.038	0.7
10:47	0.035	0.7
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10:56	0.033	0.6
10:57	0.034	0.5
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10:59	0.034	0.6
11:00	0.036	0.6
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11:10	0.051	0.5
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11:12	0.039	0.7
11:13	0.04	0.6
11:14	0.039	0.7
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11:18	0.039	0.7
11:19	0.038	0.7
11:20	0.039	0.8
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11:22	0.037	0.7

11:23	0.036	0.7
11:24	0.035	0.6
11:25	0.035	0.6
11:26	0.034	0.6
11:27	0.038	0.6
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11:29	0.035	0.4
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11:32	0.033	0.4
11:33	0.033	0.4
11:34	0.03	0.4
11:35	0.031	0.3
11:36	0.033	0.3
11:37	0.044	0.2
11:38	0.029	0.3
11:39	0.029	0.2
11:40	0.032	0.2
11:41	0.03	0.2
11:42	0.031	0.2
11:43	0.029	0.2
11:44	0.031	0.2
11:45	0.029	0.3
11:46	0.028	0.3
11:47	0.034	0.3
11:48	0.031	0.3
11:49	0.03	0.3
11:50	0.032	0.3
11:51	0.032	0.4
11:52	0.073	0.3
11:53	0.038	0.4
11:54	0.03	0.3
11:55	0.029	0.3
11:56	0.031	0.3
11:57	0.044	0.3
11:58	0.037	0.2
11:59	0.034	0.2
12:00	0.043	0.2
12:01	0.031	0.2
12:02	0.033	0.3
12:03	0.035	0.3
12:04	0.031	0.3
12:05	0.043	0.3
12:06	0.037	0.2
12:07	0.036	0.2
12:08	0.034	0.2
12:09	0.032	0.2

12:10	0.03	0.2
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12:12	0.029	0.2
12:13	0.034	0.2
12:14	0.031	0.2
12:15	0.032	0.1
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12:29	0.035	0.1
12:30	0.036	0.2
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12:34	0.03	0.2
12:35	0.03	0.1
12:36	0.029	0.1
12:37	0.054	0.2
12:38	0.029	0.1
12:39	0.028	0.3
12:40	0.028	0.1
12:41	0.028	0.1
12:42	0.029	0.1
12:43	0.029	0.1
12:44	0.027	0
12:45	0.026	0
12:46	0.025	0
12:47	0.026	0
12:48	0.025	0
12:49	0.027	0.1
12:50	0.032	0
12:51	0.028	0
12:52	0.027	0
12:53	0.027	0.2
12:54	0.092	0.4
12:55	0.033	0.2
12:56	0.029	0.2

12:57	0.028	0.2
12:58	0.036	0.2
12:59	0.061	0.3
13:00	0.048	0.3
13:01	0.035	0.1
13:02	0.033	0.2
13:03	0.034	0.3
13:04	0.032	0.5
13:05	0.03	2.1
13:06	0.031	0
13:07	0.037	4.7
13:08	0.031	0
13:09	0.028	0
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13:13	0.029	0
13:14	0.029	0
13:15	0.03	0
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13:17	0.029	0
13:18	0.032	0
13:19	0.048	0
13:20	0.039	0
13:21	0.031	0
13:22	0.027	0
13:23	0.028	0.1
13:24	0.028	0
13:25	0.026	0
13:26	0.028	0
13:27	0.03	0.2
13:28	0.03	0
13:29	0.026	0
13:30	0.026	0
13:31	0.027	0
13:32	0.028	0.1
13:33	0.026	0
13:34	0.026	0
13:35	0.024	0
13:36	0.023	0
13:37	0.027	0
13:38	0.024	0
13:39	0.024	0
13:40	0.023	0
13:41	0.022	0
13:42	0.025	0.3
13:43	0.023	0

13:44	0.021	0
13:45	0.022	0
13:46	0.021	0
13:47	0.02	0
13:48	0.023	0
13:49	0.02	0
13:50	0.021	0
13:51	0.021	0
13:52	0.021	0
13:53	0.033	0
13:54	0.03	0
13:55	0.027	0
13:56	0.025	0
13:57	0.025	0
13:58	0.025	0
13:59	0.03	0
14:00	0.028	0
14:01	0.026	0
14:02	0.028	0
14:03	0.026	0
14:04	0.025	0
14:05	0.022	0
14:06	0.028	0
14:07	0.031	0
14:08	0.029	0
14:09	0.041	0
14:10	0.03	0
14:11	0.027	0
14:12	0.034	0
14:13	0.032	0
14:14	0.034	0
14:15	0.031	0
14:16	0.031	0
14:17	0.026	0
14:18	0.036	0
14:19	0.029	0
14:20	0.033	0
14:21	0.035	0
14:22	0.031	0
14:23	0.029	0
14:24	0.03	0.2
14:25	0.031	0.4
14:26	0.029	0.2
14:27	0.03	0
14:28	0.029	0.1
14:29	0.035	0
14:30	0.032	0

14:31	0.031	0
14:32	0.029	0.1
14:33	0.031	0
14:34	0.029	0.1
14:35	0.032	0
14:36	0.029	0
14:37	0.035	0.1
14:38	0.05	0
14:39	0.035	0
14:40	0.039	0.2
14:41	0.035	0
14:42	0.031	0
14:43	0.03	0.1
14:44	0.033	0
14:45	0.042	0
14:46	0.034	0
14:47	0.032	0
14:48	0.034	0
14:49	0.038	0
14:50	0.035	0
14:51	0.035	0.1
14:52	0.051	0
14:53	0.045	0
14:54	0.035	0
14:55	0.037	0
14:56	0.036	0
14:57	0.036	0
14:58	0.05	0
14:59	0.038	0
15:00	0.042	0
15:01	0.039	0
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15:03	0.037	0
15:04	0.033	0
15:05	0.034	0
15:06	0.038	0
15:07	0.034	0
15:08	0.034	0
15:09	0.033	0
15:10	0.039	0
15:11	0.037	0
15:12	0.036	0
15:13	0.033	0
15:14	0.034	0
15:15	0.034	0
15:16	0.035	0
15:17	0.035	0

15:18	0.036	0
15:19	0.036	0
15:20	0.04	0
15:21	0.036	0
15:22	0.034	0
15:23	0.033	0
15:24	0.059	0.2
15:25	0.149	0
15:26	0.034	0
15:27	0.034	0.1
15:28	0.033	0.2
15:29	0.032	0.2
15:30	0.032	0.2
15:31	0.033	0.3
15:32	0.033	0.8
15:33	0.034	1.2
15:34	0.034	0.1
15:35	0.034	0.2
15:36	0.032	0.3
15:37	0.034	0.3
15:38	0.034	0.2
15:39	0.033	0
15:40	0.034	0
15:41	0.037	0
15:42	0.031	0
15:43	0.031	0
15:44	0.031	0
15:45	0.031	0.1
15:46	0.029	0
15:47	0.032	0
15:48	0.028	0.1
15:49	0.027	0
15:50	0.028	0
15:51	0.029	0
15:52	0.03	0
15:53	0.03	0
15:54	0.03	0
15:55	0.026	0
15:56	0.027	0.1
15:57	0.025	0
15:58	0.026	0
15:59	0.029	0
16:00	0.027	0
16:01	0.033	0
16:02	0.04	0
16:03	0.126	0
16:04	0.036	0

16:05	0.03	0
16:06	0.038	0
16:07	0.034	0
16:08	0.033	0
16:09	0.032	0.1
16:10	0.03	0
16:11	0.032	0
16:12	0.03	0
16:13	0.031	0
16:14	0.035	0
16:15	0.029	0
16:16	0.029	0
16:17	0.029	0
16:18	0.033	0
16:19	0.03	0
16:20	0.035	0
16:21	0.038	0
16:22	0.033	0
16:23	0.056	0
16:24	0.043	0
16:25	0.029	0
16:26	0.028	0.1
16:27	0.027	0
16:28	0.027	0
16:29	0.027	0
16:30	0.028	0.7
16:31	0.034	0.1
16:32	0.039	1.6
16:33	0.027	0
16:34	0.026	0
16:35	0.026	0
16:36	0.065	0
16:37	0.031	0
16:38	0.029	0
16:39	0.031	0
16:40	0.026	0
16:41	0.026	0
16:42	0.026	0
16:43	0.027	0.1
16:44	0.031	0.2
16:45	0.024	0
16:46	0.03	0
16:47	0.033	0
16:48	0.031	0
16:49	0.031	0
16:50	0.025	0
16:51	0.025	0

16:52	0.027	0
16:53	0.028	0
16:54	0.025	0.1
16:55	0.024	0.4
16:56	0.025	1.1
16:57	0.024	0
16:58	0.026	0
16:59	0.025	0
17:00	0.027	0
17:01	0.029	0
17:02	0.025	0
17:03	0.023	0
17:04	0.024	0
17:05	0.028	0
17:06	0.028	0
17:07	0.025	0
17:08	0.027	0
17:09	0.03	0
17:10	0.026	0
17:11	0.035	0
17:12	0.028	0
17:13	0.024	0
17:14	0.023	0
17:15	0.025	0
17:16	0.03	0
17:17	0.024	0
17:18	0.024	0
17:19	0.023	0
17:20	0.023	0
17:21	0.031	0
17:22	0.024	0
17:23	0.023	0
17:24	0.025	0
17:25	0.043	0
17:26	0.032	0
17:27	0.022	0.1
17:28	0.027	0
17:29	0.023	0
17:30	0.025	0
17:31	0.026	0
17:32	0.025	0
17:33	0.028	0
17:34	0.024	0
17:35	0.023	0
17:36	0.024	0
17:37	0.032	0
17:38	0.022	0

17:39	0.021	0
17:40	0.02	0
17:41	0.027	0
17:42	0.025	0
17:43	0.02	0
17:44	0.019	0
17:45	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_007
Test Start Time	7:07:49 AM
Test Start Date	6/27/2023
Test Length [D:H:M]	0:10:36
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.034
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.143
Mass TWA [mg/m3]	0.032
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	636

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:07	0.048		0.0	
7:08	0.029		0.0	
7:09	0.028		0.0	
7:10	0.034		0.0	
7:11	0.031		0.0	
7:12	0.027		0.0	
7:13	0.027		0.0	
7:14	0.026		0.0	
7:15	0.025		0.0	
7:16	0.026		0.0	
7:17	0.027		0.0	
7:18	0.025		0.0	
7:19	0.03		0.0	
7:20	0.025		0.0	
7:21	0.024		0.0	
7:22	0.023		0.0	
7:23	0.025		0.0	
7:24	0.023		0.0	
7:25	0.023		0.0	
7:26	0.022		0.0	
7:27	0.021		0.0	
7:28	0.021		0.0	
7:29	0.021		0.0	
7:30	0.02		0.0	
7:31	0.019		0.0	
7:32	0.023		0.0	
7:33	0.021		0.0	

7:34	0.02	0.0
7:35	0.025	0.0
7:36	0.021	0.0
7:37	0.022	0.0
7:38	0.02	0.0
7:39	0.021	0.0
7:40	0.027	0.0
7:41	0.026	0.0
7:42	0.026	0.0
7:43	0.025	0.0
7:44	0.026	0.0
7:45	0.026	0.0
7:46	0.026	0.0
7:47	0.029	0.0
7:48	0.028	0.0
7:49	0.027	0.0
7:50	0.028	0.0
7:51	0.028	0.0
7:52	0.027	0.0
7:53	0.028	0.0
7:54	0.028	0.0
7:55	0.028	0.0
7:56	0.028	0.0
7:57	0.029	0.0
7:58	0.05	0.0
7:59	0.043	0.0
8:00	0.076	0.0
8:01	0.056	0.0
8:02	0.052	0.0
8:03	0.055	0.0
8:04	0.034	0.0
8:05	0.033	0.0
8:06	0.027	0.0
8:07	0.027	0.0
8:08	0.027	0.0
8:09	0.03	0.0
8:10	0.03	0.0
8:11	0.03	0.0
8:12	0.035	0.0
8:13	0.042	0.0
8:14	0.027	0.0
8:15	0.027	0.0
8:16	0.056	0.0
8:17	0.063	0.0
8:18	0.027	0.0
8:19	0.034	0.0
8:20	0.033	0.0

8:21	0.034	0.0
8:22	0.028	0.0
8:23	0.033	0.0
8:24	0.037	0.0
8:25	0.039	0.0
8:26	0.029	0.0
8:27	0.032	0.0
8:28	0.033	0.0
8:29	0.034	0.0
8:30	0.035	0.0
8:31	0.039	0.0
8:32	0.038	0.0
8:33	0.039	0.0
8:34	0.051	0.0
8:35	0.043	0.0
8:36	0.047	0.0
8:37	0.069	0.0
8:38	0.09	0.0
8:39	0.079	0.0
8:40	0.044	0.0
8:41	0.043	0.0
8:42	0.038	0.0
8:43	0.041	0.0
8:44	0.049	0.0
8:45	0.05	0.0
8:46	0.05	0.0
8:47	0.134	0.0
8:48	0.132	0.0
8:49	0.036	0.0
8:50	0.035	0.0
8:51	0.035	0.0
8:52	0.036	0.0
8:53	0.037	0.0
8:54	0.036	0.0
8:55	0.037	0.0
8:56	0.037	0.0
8:57	0.035	0.0
8:58	0.036	0.0
8:59	0.037	0.0
9:00	0.037	0.0
9:01	0.038	0.0
9:02	0.04	0.0
9:03	0.039	0.0
9:04	0.039	0.0
9:05	0.042	0.0
9:06	0.041	0.0
9:07	0.04	0.0

9:08	0.039	0.0
9:09	0.039	0.0
9:10	0.038	0.0
9:11	0.039	0.0
9:12	0.04	0.0
9:13	0.041	0.0
9:14	0.039	0.0
9:15	0.04	0.0
9:16	0.039	0.0
9:17	0.038	0.0
9:18	0.038	0.0
9:19	0.038	0.0
9:20	0.039	0.0
9:21	0.037	0.0
9:22	0.037	0.0
9:23	0.036	0.0
9:24	0.046	0.0
9:25	0.039	0.0
9:26	0.036	0.0
9:27	0.042	0.0
9:28	0.036	0.0
9:29	0.038	0.0
9:30	0.038	0.0
9:31	0.037	0.0
9:32	0.037	0.0
9:33	0.038	0.0
9:34	0.038	0.0
9:35	0.038	0.0
9:36	0.039	0.0
9:37	0.04	0.0
9:38	0.041	0.0
9:39	0.042	0.0
9:40	0.041	0.0
9:41	0.04	0.0
9:42	0.041	0.0
9:43	0.04	0.0
9:44	0.041	0.0
9:45	0.042	0.0
9:46	0.045	0.0
9:47	0.045	0.0
9:48	0.049	0.0
9:49	0.045	0.0
9:50	0.044	0.0
9:51	0.041	0.0
9:52	0.042	0.0
9:53	0.043	0.0
9:54	0.044	0.0

9:55	0.046	0.0
9:56	0.042	0.0
9:57	0.042	0.0
9:58	0.043	0.0
9:59	0.039	0.0
10:00	0.04	0.0
10:01	0.039	0.0
10:02	0.042	0.0
10:03	0.041	0.0
10:04	0.042	0.0
10:05	0.042	0.0
10:06	0.044	0.0
10:07	0.045	0.0
10:08	0.042	0.0
10:09	0.042	0.0
10:10	0.04	0.0
10:11	0.037	0.0
10:12	0.035	0.0
10:13	0.036	0.0
10:14	0.042	0.0
10:15	0.038	0.0
10:16	0.035	0.0
10:17	0.042	0.0
10:18	0.04	0.0
10:19	0.038	0.0
10:20	0.036	0.0
10:21	0.035	0.0
10:22	0.034	0.0
10:23	0.034	0.0
10:24	0.031	0.0
10:25	0.036	0.0
10:26	0.036	0.0
10:27	0.036	0.0
10:28	0.034	0.0
10:29	0.034	0.0
10:30	0.033	0.0
10:31	0.033	0.0
10:32	0.031	0.0
10:33	0.031	0.0
10:34	0.039	0.0
10:35	0.03	0.0
10:36	0.03	0.0
10:37	0.028	0.0
10:38	0.028	0.0
10:39	0.028	0.0
10:40	0.028	0.0
10:41	0.027	0.0

10:42	0.027	0.0
10:43	0.029	0.0
10:44	0.028	0.0
10:45	0.028	0.0
10:46	0.027	0.0
10:47	0.026	0.0
10:48	0.027	0.0
10:49	0.027	0.0
10:50	0.027	0.0
10:51	0.027	0.0
10:52	0.027	0.0
10:53	0.027	0.0
10:54	0.026	0.0
10:55	0.028	0.0
10:56	0.029	0.0
10:57	0.027	0.0
10:58	0.027	0.0
10:59	0.028	0.0
11:00	0.065	0.0
11:01	0.069	0.0
11:02	0.119	0.0
11:03	0.046	0.0
11:04	0.107	0.0
11:05	0.143	0.0
11:06	0.034	0.0
11:07	0.034	0.0
11:08	0.032	0.0
11:09	0.031	0.0
11:10	0.032	0.0
11:11	0.032	0.0
11:12	0.037	0.0
11:13	0.033	0.0
11:14	0.032	0.0
11:15	0.032	0.0
11:16	0.033	0.0
11:17	0.032	0.0
11:18	0.031	0.0
11:19	0.032	0.0
11:20	0.028	0.0
11:21	0.029	0.0
11:22	0.088	0.0
11:23	0.037	0.0
11:24	0.033	0.0
11:25	0.032	0.0
11:26	0.03	0.0
11:27	0.027	0.0
11:28	0.027	0.0

11:29	0.026	0.0
11:30	0.026	0.0
11:31	0.025	0.0
11:32	0.027	0.0
11:33	0.027	0.0
11:34	0.024	0.0
11:35	0.024	0.0
11:36	0.023	0.0
11:37	0.025	0.0
11:38	0.026	0.0
11:39	0.023	0.0
11:40	0.024	0.0
11:41	0.023	0.0
11:42	0.023	0.0
11:43	0.024	0.0
11:44	0.023	0.0
11:45	0.026	0.0
11:46	0.022	0.0
11:47	0.023	0.0
11:48	0.023	0.0
11:49	0.024	0.0
11:50	0.024	0.0
11:51	0.032	0.0
11:52	0.022	0.0
11:53	0.031	0.0
11:54	0.023	0.0
11:55	0.029	0.0
11:56	0.027	0.0
11:57	0.024	0.0
11:58	0.026	0.0
11:59	0.025	0.0
12:00	0.023	0.0
12:01	0.024	0.0
12:02	0.023	0.0
12:03	0.024	0.0
12:04	0.028	0.0
12:05	0.024	0.0
12:06	0.025	0.0
12:07	0.025	0.0
12:08	0.024	0.0
12:09	0.024	0.0
12:10	0.023	0.0
12:11	0.024	0.0
12:12	0.024	0.0
12:13	0.027	0.0
12:14	0.026	0.0
12:15	0.023	0.0

12:16	0.025	0.0
12:17	0.024	0.0
12:18	0.028	0.0
12:19	0.031	0.0
12:20	0.025	0.0
12:21	0.024	0.0
12:22	0.023	0.0
12:23	0.031	0.0
12:24	0.026	0.0
12:25	0.026	0.0
12:26	0.023	0.0
12:27	0.031	0.0
12:28	0.023	0.0
12:29	0.022	0.0
12:30	0.022	0.0
12:31	0.025	0.0
12:32	0.023	0.0
12:33	0.022	0.0
12:34	0.021	0.0
12:35	0.022	0.0
12:36	0.019	0.0
12:37	0.022	0.0
12:38	0.022	0.0
12:39	0.018	0.0
12:40	0.019	0.0
12:41	0.02	0.0
12:42	0.019	0.0
12:43	0.022	0.0
12:44	0.02	0.0
12:45	0.019	0.0
12:46	0.019	0.0
12:47	0.029	0.0
12:48	0.019	0.0
12:49	0.022	0.0
12:50	0.02	0.0
12:51	0.025	0.0
12:52	0.02	0.0
12:53	0.02	0.0
12:54	0.022	0.0
12:55	0.021	0.0
12:56	0.021	0.0
12:57	0.021	0.0
12:58	0.02	0.0
12:59	0.022	0.0
13:00	0.023	0.0
13:01	0.019	0.0
13:02	0.021	0.0

13:03	0.022	0.0
13:04	0.021	0.0
13:05	0.021	0.0
13:06	0.019	0.0
13:07	0.02	0.0
13:08	0.018	0.0
13:09	0.019	0.0
13:10	0.02	0.0
13:11	0.019	0.0
13:12	0.019	0.0
13:13	0.022	0.0
13:14	0.02	0.0
13:15	0.018	0.0
13:16	0.021	0.0
13:17	0.021	0.0
13:18	0.018	0.0
13:19	0.019	0.0
13:20	0.022	0.0
13:21	0.017	0.0
13:22	0.018	0.0
13:23	0.019	0.0
13:24	0.016	0.0
13:25	0.016	0.0
13:26	0.016	0.0
13:27	0.017	0.0
13:28	0.017	0.0
13:29	0.016	0.0
13:30	0.017	0.0
13:31	0.018	0.0
13:32	0.018	0.0
13:33	0.016	0.0
13:34	0.017	0.0
13:35	0.016	0.0
13:36	0.015	0.0
13:37	0.015	0.0
13:38	0.016	0.0
13:39	0.017	0.0
13:40	0.016	0.0
13:41	0.016	0.0
13:42	0.015	0.0
13:43	0.033	0.0
13:44	0.018	0.0
13:45	0.013	0.0
13:46	0.017	0.0
13:47	0.042	0.0
13:48	0.015	0.0
13:49	0.012	0.0

13:50	0.012	0.0
13:51	0.012	0.0
13:52	0.013	0.0
13:53	0.016	0.0
13:54	0.014	0.0
13:55	0.02	0.0
13:56	0.036	0.0
13:57	0.014	0.0
13:58	0.013	0.0
13:59	0.014	0.0
14:00	0.013	0.0
14:01	0.019	0.0
14:02	0.018	0.0
14:03	0.015	0.0
14:04	0.014	0.0
14:05	0.014	0.0
14:06	0.015	0.0
14:07	0.016	0.0
14:08	0.015	0.0
14:09	0.016	0.0
14:10	0.018	0.0
14:11	0.019	0.0
14:12	0.018	0.0
14:13	0.019	0.0
14:14	0.018	0.0
14:15	0.017	0.0
14:16	0.016	0.0
14:17	0.015	0.0
14:18	0.02	0.0
14:19	0.019	0.0
14:20	0.024	0.0
14:21	0.022	0.0
14:22	0.028	0.0
14:23	0.019	0.0
14:24	0.022	0.0
14:25	0.018	0.0
14:26	0.018	0.0
14:27	0.019	0.0
14:28	0.017	0.0
14:29	0.022	0.0
14:30	0.018	0.0
14:31	0.017	0.0
14:32	0.019	0.0
14:33	0.019	0.0
14:34	0.021	0.0
14:35	0.028	0.0
14:36	0.033	0.0

14:37	0.119	0.0
14:38	0.127	0.0
14:39	0.024	0.0
14:40	0.022	0.0
14:41	0.023	0.0
14:42	0.019	0.0
14:43	0.021	0.0
14:44	0.025	0.0
14:45	0.021	0.0
14:46	0.021	0.0
14:47	0.025	0.0
14:48	0.024	0.0
14:49	0.022	0.0
14:50	0.021	0.0
14:51	0.023	0.0
14:52	0.023	0.0
14:53	0.022	0.0
14:54	0.022	0.0
14:55	0.023	0.0
14:56	0.025	0.0
14:57	0.022	0.0
14:58	0.022	0.0
14:59	0.024	0.0
15:00	0.024	0.0
15:01	0.024	0.0
15:02	0.022	0.0
15:03	0.022	0.0
15:04	0.032	0.0
15:05	0.025	0.0
15:06	0.023	0.0
15:07	0.026	0.0
15:08	0.024	0.0
15:09	0.024	0.0
15:10	0.024	0.0
15:11	0.023	0.0
15:12	0.023	0.0
15:13	0.021	0.0
15:14	0.021	0.0
15:15	0.023	0.0
15:16	0.027	0.0
15:17	0.025	0.0
15:18	0.022	0.0
15:19	0.022	0.0
15:20	0.025	0.0
15:21	0.023	0.0
15:22	0.024	0.0
15:23	0.022	0.0

15:24	0.021	0.0
15:25	0.023	0.0
15:26	0.049	0.0
15:27	0.119	0.0
15:28	0.037	0.0
15:29	0.026	0.0
15:30	0.023	0.0
15:31	0.021	0.0
15:32	0.024	0.0
15:33	0.024	0.0
15:34	0.024	0.0
15:35	0.023	0.0
15:36	0.022	0.0
15:37	0.02	0.0
15:38	0.021	0.0
15:39	0.023	0.0
15:40	0.06	0.0
15:41	0.079	0.0
15:42	0.048	0.0
15:43	0.119	0.0
15:44	0.029	0.0
15:45	0.023	0.0
15:46	0.018	0.0
15:47	0.014	0.0
15:48	0.071	0.0
15:49	0.022	0.0
15:50	0.017	0.0
15:51	0.016	0.0
15:52	0.017	0.0
15:53	0.018	0.0
15:54	0.017	0.0
15:55	0.016	0.0
15:56	0.021	0.0
15:57	0.017	0.0
15:58	0.019	0.0
15:59	0.015	0.0
16:00	0.023	0.0
16:01	0.017	0.0
16:02	0.019	0.0
16:03	0.022	0.0
16:04	0.021	0.0
16:05	0.02	0.0
16:06	0.018	0.0
16:07	0.019	0.0
16:08	0.023	0.0
16:09	0.053	0.0
16:10	0.037	0.0

16:11	0.023	0.0
16:12	0.019	0.0
16:13	0.02	0.0
16:14	0.019	0.0
16:15	0.021	0.0
16:16	0.022	0.0
16:17	0.022	0.0
16:18	0.021	0.0
16:19	0.017	0.0
16:20	0.018	0.0
16:21	0.019	0.0
16:22	0.019	0.0
16:23	0.02	0.0
16:24	0.019	0.0
16:25	0.018	0.0
16:26	0.019	0.0
16:27	0.02	0.0
16:28	0.019	0.0
16:29	0.019	0.0
16:30	0.016	0.0
16:31	0.017	0.0
16:32	0.017	0.0
16:33	0.017	0.0
16:34	0.016	0.0
16:35	0.016	0.0
16:36	0.016	0.0
16:37	0.022	0.0
16:38	0.017	0.0
16:39	0.016	0.0
16:40	0.017	0.0
16:41	0.016	0.0
16:42	0.018	0.0
16:43	0.017	0.0
16:44	0.016	0.0
16:45	0.015	0.0
16:46	0.014	0.0
16:47	0.015	0.0
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16:49	0.015	0.0
16:50	0.014	0.0
16:51	0.014	0.0
16:52	0.016	0.0
16:53	0.015	0.0
16:54	0.013	0.0
16:55	0.014	0.0
16:56	0.013	0.0
16:57	0.014	0.0

16:58	0.013	0.0
16:59	0.013	0.0
17:00	0.013	0.0
17:01	0.012	0.0
17:02	0.012	0.0
17:03	0.013	0.0
17:04	0.012	0.0
17:05	0.013	0.0
17:06	0.014	0.0
17:07	0.014	0.0
17:08	0.014	0.0
17:09	0.013	0.0
17:10	0.016	0.0
17:11	0.014	0.0
17:12	0.014	0.0
17:13	0.013	0.0
17:14	0.017	0.0
17:15	0.019	0.0
17:16	0.015	0.0
17:17	0.012	0.0
17:18	0.013	0.0
17:19	0.012	0.0
17:20	0.013	0.0
17:21	0.014	0.0
17:22	0.013	0.0
17:23	0.013	0.0
17:24	0.012	0.0
17:25	0.012	0.0
17:26	0.012	0.0
17:27	0.012	0.0
17:28	0.012	0.0
17:29	0.016	0.0
17:30	0.013	0.0
17:31	0.012	0.0
17:32	0.011	0.0
17:33	0.013	0.0
17:34	0.012	0.0
17:35	0.01	0.0
17:36	0.009	0.0
17:37	0.01	0.0
17:38	0.01	0.0
17:39	0.009	0.0
17:40	0.01	0.0
17:41	0.01	0.0
17:42	0.01	0.0