

**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	S –9 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	4/20/23
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,
<u>Scope of Work:</u> - Community Air Monitoring Program (CAMP) implementation in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP); - Oversight of excavation/loading of fill materials; <u>Site Activities:</u> - CAMP deployed; - Stego Industries Inc. 20-mil Stego Wrap® began to be installed in a portion around the elevator pit and in WC-1; - Rebar work in WC-1 and the elevator pit; - Raptor forming piles in WC-1; - Twelve (12) concrete trucks were brought onto the site to pour concrete for the elevator pit and two (2) pile caps in WC-1; - Continuation of work in the area of the adjacent property on Sacket Street where a <i>Stop Work Order</i> has been lifted; and - Continuation of CAMP and dewatering. Vapor Barrier Inspection in Portion of WC grids 1, WC-4 and WC-5 - Stego Industries Inc. 20-mil Stego Wrap® was installed on top of the gravel subbase in portions of the site (WC grids 1, WC-4 and WC-5). - No cuts or breakages were noted in Stego Wrap®, perforations were sealed with Stego Tape® and/or Stego Mastic®; - 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;
- The bottom Seam was extended 6" onto the form sidewall and secured with Stego Tape®
- Impact performed a final inspection in the portion of the Site where vapor barrier was applied to ensure no issues were observed with the product application. It should be noted that BCG will have a special inspector certify the application of the waterproofing.

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

- Upwind PID had minimal readings throughout the day, no readings above 5.0.
- Elevated initial downwind and upwind CAMP reading is due to moisture in line from overnight.
- No sustained dust exceedances were observed over a 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.3__ ppm, Dust = __0.110__ mg/m³ @ 06:57 *High initial reading due to moisture build up in line.
- High Conditions (Upwind) – PID = __2.3__ ppm @ 15:14, Dust = __0.146__ mg/m³ @ 15:39
- High Conditions (Downwind) – PID = __4.3__ ppm @ 14:04, Dust = __0.295__ mg/m³ @ 07:01

* Upwind PID died at 15:51 due to insufficient battery charge

Notable Site Conditions:

- No excavation occurred in the petroleum contaminated portion of the site.

Planned for the Next Day:

- Continued excavation and pile work;
- Dewatering;
- Continuation of rebar work; and
- Removal of material for offsite disposal.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –
Representative
photo of vapor
barrier.



Photo 2 –
Representative
view of
concrete
washout box.



Photo 3 –

Representative photo of concrete being poured.



Photo 4 –

Additional photo of vapor barrier.



Photo 5 –

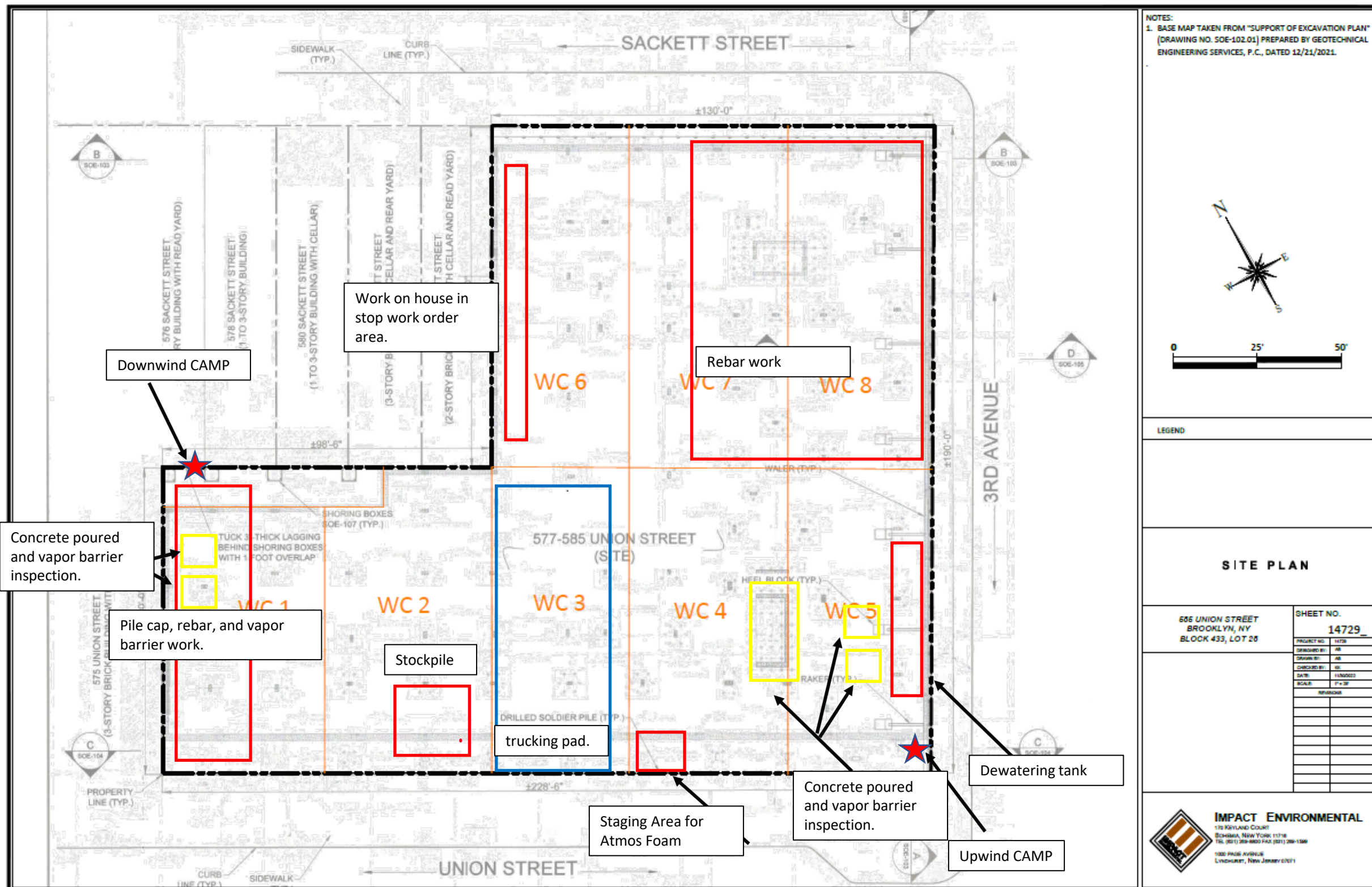
Representative photo of tires on concrete truck being washed on trucking pad.



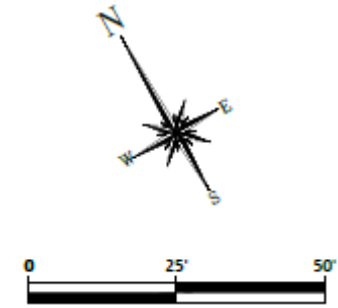
SITE PLAN

585 Union Street, Brooklyn,
NY





NOTES:
1. BASE MAP TAKEN FROM "SUPPORT OF EXCAVATION PLAN" (DRAWING NO. SOE-102.01) PREPARED BY GEOTECHNICAL ENGINEERING SERVICES, P.C., DATED 12/21/2021.



LEGEND

SITE PLAN

505 UNION STREET BROOKLYN, NY BLOCK 433, LOT 20	SHEET NO.
	14729
	PROJECT NO. 14729
	DESIGNED BY: JH
	DRAWN BY: JH
	CHECKED BY: JH
	DATE: 11/20/2022
	SCALE: 1"=30'
	REVISIONS



IMPACT ENVIRONMENTAL
175 KAYLAND COURT
BOHICA, NEW YORK 11718
TEL (815) 269-4800 FAX (815) 269-1500
1000 PINE AVENUE
LYNDHURST, NEW JERSEY 07037

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	7:01:53 AM
Test Start Date	4/20/2023
Test Length [D:H:M]	0:11:20
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.038
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.295
Mass TWA [mg/m3]	0.039
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	680

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:01	0.295	0.9		
7:02	0.021	0.9		
7:03	0.025	0.9		
7:04	0.023	1		
7:05	0.017	1		
7:06	0.022	0.9		
7:07	0.064	1.1		
7:08	0.03	1		
7:09	0.017	0.9		
7:10	0.018	1		
7:11	0.017	1.1		
7:12	0.016	1.1		
7:13	0.015	1.1		
7:14	0.015	1.1		
7:15	0.021	1.1		
7:16	0.019	1.1		
7:17	0.017	1.1		
7:18	0.019	1.1		
7:19	0.027	1.1		
7:20	0.028	1.1		
7:21	0.024	1.3		
7:22	0.016	1.4		
7:23	0.02	1.2		
7:24	0.06	1.2		
7:25	0.039	1.3		
7:26	0.036	1.3		
7:27	0.035	1.2		

7:28	0.038	1.2
7:29	0.024	1.2
7:30	0.023	1.3
7:31	0.022	1.3
7:32	0.023	1.3
7:33	0.019	1.4
7:34	0.033	1.3
7:35	0.02	1.3
7:36	0.021	1.3
7:37	0.023	1.4
7:38	0.017	1.3
7:39	0.016	1.3
7:40	0.018	1.4
7:41	0.036	1.4
7:42	0.026	1.4
7:43	0.036	1.4
7:44	0.028	1.4
7:45	0.022	1.4
7:46	0.021	1.4
7:47	0.02	1.5
7:48	0.018	1.4
7:49	0.019	1.4
7:50	0.031	1.4
7:51	0.027	1.4
7:52	0.022	1.4
7:53	0.022	1.5
7:54	0.021	1.5
7:55	0.026	1.5
7:56	0.022	1.4
7:57	0.023	1.5
7:58	0.028	1.5
7:59	0.03	1.5
8:00	0.019	1.5
8:01	0.027	1.5
8:02	0.073	1.5
8:03	0.031	1.6
8:04	0.091	1.5
8:05	0.096	1.6
8:06	0.026	1.6
8:07	0.025	1.6
8:08	0.028	1.6
8:09	0.027	1.6
8:10	0.031	1.6
8:11	0.027	1.7
8:12	0.099	1.7
8:13	0.093	1.7
8:14	0.077	1.7

8:15	0.131	1.8
8:16	0.086	1.7
8:17	0.045	1.7
8:18	0.027	1.7
8:19	0.025	1.7
8:20	0.038	1.8
8:21	0.023	1.8
8:22	0.022	1.7
8:23	0.03	1.8
8:24	0.024	1.8
8:25	0.02	1.8
8:26	0.019	1.8
8:27	0.02	1.9
8:28	0.026	1.8
8:29	0.036	1.8
8:30	0.047	1.8
8:31	0.037	1.8
8:32	0.02	1.8
8:33	0.025	1.8
8:34	0.027	1.8
8:35	0.025	1.8
8:36	0.033	1.8
8:37	0.036	1.9
8:38	0.025	1.9
8:39	0.08	1.9
8:40	0.038	1.8
8:41	0.032	1.9
8:42	0.06	1.9
8:43	0.141	1.9
8:44	0.039	1.8
8:45	0.032	1.9
8:46	0.022	1.9
8:47	0.031	1.9
8:48	0.023	1.9
8:49	0.038	1.9
8:50	0.04	1.9
8:51	0.038	1.9
8:52	0.062	1.9
8:53	0.079	1.9
8:54	0.026	1.9
8:55	0.03	1.9
8:56	0.033	1.9
8:57	0.034	1.9
8:58	0.108	1.9
8:59	0.05	1.9
9:00	0.024	1.9
9:01	0.028	1.9

9:02	0.023	2
9:03	0.029	2
9:04	0.018	2
9:05	0.021	2
9:06	0.018	2
9:07	0.018	2
9:08	0.018	1.9
9:09	0.017	1.9
9:10	0.018	2
9:11	0.019	1.9
9:12	0.036	1.9
9:13	0.027	1.9
9:14	0.026	1.9
9:15	0.019	1.9
9:16	0.035	1.9
9:17	0.035	1.9
9:18	0.052	1.9
9:19	0.066	1.9
9:20	0.04	1.9
9:21	0.028	1.9
9:22	0.018	2
9:23	0.017	1.9
9:24	0.033	1.9
9:25	0.03	2
9:26	0.021	2
9:27	0.039	2
9:28	0.027	2
9:29	0.048	2
9:30	0.023	2
9:31	0.02	2
9:32	0.019	2
9:33	0.021	1.9
9:34	0.043	1.9
9:35	0.027	2
9:36	0.02	2
9:37	0.02	2
9:38	0.051	2
9:39	0.031	2
9:40	0.053	2.1
9:41	0.032	2
9:42	0.022	2
9:43	0.024	2
9:44	0.021	2.1
9:45	0.039	2.1
9:46	0.02	2.1
9:47	0.018	2
9:48	0.033	2

9:49	0.029	1.9
9:50	0.019	2
9:51	0.023	1.9
9:52	0.023	2
9:53	0.026	2
9:54	0.029	2
9:55	0.03	2
9:56	0.026	1.9
9:57	0.028	1.9
9:58	0.035	1.9
9:59	0.026	1.9
10:00	0.038	1.9
10:01	0.05	1.9
10:02	0.049	1.9
10:03	0.029	1.9
10:04	0.031	2.2
10:05	0.04	1.9
10:06	0.037	1.8
10:07	0.023	1.8
10:08	0.02	1.9
10:09	0.021	1.9
10:10	0.024	1.9
10:11	0.022	1.9
10:12	0.021	1.9
10:13	0.02	1.9
10:14	0.021	2
10:15	0.021	1.8
10:16	0.02	1.8
10:17	0.023	1.8
10:18	0.026	1.8
10:19	0.02	1.8
10:20	0.019	1.9
10:21	0.021	1.8
10:22	0.021	1.8
10:23	0.021	1.8
10:24	0.021	1.8
10:25	0.021	1.8
10:26	0.022	1.8
10:27	0.037	1.8
10:28	0.037	1.8
10:29	0.053	1.8
10:30	0.043	1.8
10:31	0.03	1.8
10:32	0.049	1.8
10:33	0.072	1.8
10:34	0.047	1.8
10:35	0.06	1.7

10:36	0.044	1.7
10:37	0.039	1.7
10:38	0.027	1.8
10:39	0.034	1.7
10:40	0.035	1.7
10:41	0.031	1.7
10:42	0.029	1.7
10:43	0.032	1.7
10:44	0.049	1.6
10:45	0.042	1.6
10:46	0.024	1.6
10:47	0.024	1.7
10:48	0.024	1.6
10:49	0.023	1.6
10:50	0.027	1.6
10:51	0.045	1.6
10:52	0.041	1.6
10:53	0.034	1.6
10:54	0.038	1.5
10:55	0.042	1.4
10:56	0.035	1.4
10:57	0.043	1.4
10:58	0.06	1.3
10:59	0.077	1.3
11:00	0.033	1.2
11:01	0.04	1.2
11:02	0.045	1.2
11:03	0.047	1.1
11:04	0.038	1
11:05	0.031	0.9
11:06	0.029	0.8
11:07	0.036	0.6
11:08	0.052	0.3
11:09	0.033	0
11:10	0.03	0
11:11	0.028	0
11:12	0.037	0
11:13	0.034	0
11:14	0.035	0
11:15	0.031	0
11:16	0.036	0
11:17	0.037	0
11:18	0.032	0
11:19	0.039	0
11:20	0.034	0
11:21	0.03	0
11:22	0.043	0

11:23	0.067	0
11:24	0.041	0
11:25	0.041	0
11:26	0.061	0
11:27	0.051	0
11:28	0.103	0
11:29	0.064	0
11:30	0.036	0
11:31	0.2	0
11:32	0.191	0
11:33	0.057	0
11:34	0.038	0
11:35	0.034	0
11:36	0.03	0
11:37	0.032	0
11:38	0.029	0
11:39	0.028	0
11:40	0.028	0
11:41	0.029	0
11:42	0.03	0
11:43	0.03	0
11:44	0.032	0
11:45	0.038	0
11:46	0.033	0
11:47	0.03	0
11:48	0.031	0
11:49	0.037	0
11:50	0.033	0
11:51	0.049	0
11:52	0.042	0
11:53	0.037	0
11:54	0.043	0
11:55	0.039	0
11:56	0.037	0
11:57	0.039	0
11:58	0.045	0
11:59	0.062	0
12:00	0.057	0
12:01	0.04	0
12:02	0.039	0
12:03	0.034	0
12:04	0.03	0
12:05	0.032	0
12:06	0.049	0
12:07	0.054	0
12:08	0.043	0
12:09	0.035	0

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12:11	0.036	0
12:12	0.038	0
12:13	0.047	0
12:14	0.04	0
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12:18	0.049	0
12:19	0.035	0
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12:21	0.034	0
12:22	0.032	0
12:23	0.036	0
12:24	0.042	0
12:25	0.04	0
12:26	0.04	0
12:27	0.047	0
12:28	0.041	0
12:29	0.037	0
12:30	0.049	0
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12:32	0.061	0
12:33	0.077	0
12:34	0.065	0
12:35	0.036	0
12:36	0.039	0
12:37	0.048	0
12:38	0.033	0
12:39	0.05	0
12:40	0.035	0
12:41	0.064	0
12:42	0.04	0
12:43	0.042	0
12:44	0.035	0
12:45	0.037	0.2
12:46	0.037	0
12:47	0.054	0
12:48	0.054	0.1
12:49	0.038	0
12:50	0.048	0.3
12:51	0.034	0
12:52	0.034	0.1
12:53	0.043	0.2
12:54	0.073	0.3
12:55	0.042	0.4
12:56	0.038	0.2

12:57	0.035	0.1
12:58	0.054	0.2
12:59	0.039	0.1
13:00	0.032	0.1
13:01	0.032	0.2
13:02	0.037	0.2
13:03	0.037	0.4
13:04	0.037	0.3
13:05	0.033	0.2
13:06	0.035	0.2
13:07	0.036	0.2
13:08	0.035	0.2
13:09	0.032	0.3
13:10	0.036	0.3
13:11	0.031	0.4
13:12	0.034	0.3
13:13	0.032	0.2
13:14	0.029	0.3
13:15	0.035	0.3
13:16	0.079	0.5
13:17	0.06	0.3
13:18	0.079	0.3
13:19	0.067	0.2
13:20	0.071	0.3
13:21	0.081	0.4
13:22	0.076	0.3
13:23	0.146	0.4
13:24	0.097	0.3
13:25	0.046	0.3
13:26	0.032	0.4
13:27	0.037	0.5
13:28	0.064	0.5
13:29	0.042	0.5
13:30	0.031	0.8
13:31	0.075	0.7
13:32	0.12	1.2
13:33	0.047	0.5
13:34	0.04	0.8
13:35	0.055	1.1
13:36	0.038	0.9
13:37	0.03	0.6
13:38	0.033	4.2
13:39	0.032	0.5
13:40	0.03	0.2
13:41	0.033	0.2
13:42	0.036	0.2
13:43	0.032	0.2

13:44	0.031	0.2
13:45	0.032	0.2
13:46	0.041	0.3
13:47	0.035	0.2
13:48	0.035	0.2
13:49	0.04	0.2
13:50	0.031	0.2
13:51	0.031	0.2
13:52	0.033	0.4
13:53	0.045	0.3
13:54	0.035	0.2
13:55	0.034	0.3
13:56	0.033	0.3
13:57	0.058	0.5
13:58	0.034	0.2
13:59	0.054	0.2
14:00	0.053	0.4
14:01	0.038	0.4
14:02	0.035	0.1
14:03	0.04	0.2
14:04	0.043	4.3
14:05	0.056	1.1
14:06	0.046	1.6
14:07	0.087	0.3
14:08	0.04	0.1
14:09	0.036	0.1
14:10	0.042	0
14:11	0.045	0.1
14:12	0.046	0.1
14:13	0.037	0.1
14:14	0.037	0.2
14:15	0.046	0.3
14:16	0.041	0.9
14:17	0.04	0.4
14:18	0.044	0.2
14:19	0.035	0.3
14:20	0.041	0.2
14:21	0.031	0.1
14:22	0.036	0
14:23	0.034	0
14:24	0.035	0
14:25	0.045	0.2
14:26	0.033	0.1
14:27	0.031	0
14:28	0.036	0
14:29	0.033	0.1
14:30	0.035	0

14:31	0.032	0.1
14:32	0.033	0
14:33	0.036	0.2
14:34	0.032	0.2
14:35	0.031	0.2
14:36	0.03	0.1
14:37	0.036	0
14:38	0.04	0.3
14:39	0.036	0
14:40	0.033	0
14:41	0.031	0
14:42	0.031	0
14:43	0.034	0.1
14:44	0.035	0
14:45	0.047	0
14:46	0.039	0.1
14:47	0.038	0.2
14:48	0.039	0.2
14:49	0.035	0
14:50	0.036	0
14:51	0.035	0.1
14:52	0.033	0
14:53	0.085	0
14:54	0.042	0
14:55	0.042	0
14:56	0.047	0
14:57	0.052	0.1
14:58	0.046	0.1
14:59	0.033	0
15:00	0.035	0
15:01	0.036	0
15:02	0.032	0
15:03	0.032	0
15:04	0.037	0
15:05	0.036	0
15:06	0.035	0
15:07	0.041	0
15:08	0.041	0
15:09	0.037	0
15:10	0.035	0
15:11	0.036	0.1
15:12	0.035	0
15:13	0.033	0
15:14	0.035	0
15:15	0.033	0
15:16	0.046	0
15:17	0.032	0

15:18	0.07	0.1
15:19	0.043	0
15:20	0.033	0
15:21	0.031	0
15:22	0.031	0
15:23	0.033	0
15:24	0.04	0.6
15:25	0.037	0.2
15:26	0.036	0
15:27	0.047	0
15:28	0.048	0.1
15:29	0.034	0.2
15:30	0.031	2.2
15:31	0.032	0
15:32	0.035	0
15:33	0.031	0.1
15:34	0.031	0
15:35	0.032	0
15:36	0.032	0
15:37	0.035	0
15:38	0.036	0
15:39	0.037	0
15:40	0.035	0.1
15:41	0.032	0
15:42	0.035	0
15:43	0.031	0
15:44	0.029	0
15:45	0.028	0
15:46	0.029	0
15:47	0.031	0
15:48	0.04	0
15:49	0.034	0
15:50	0.031	0
15:51	0.028	0
15:52	0.028	0
15:53	0.028	0
15:54	0.031	0
15:55	0.034	0
15:56	0.03	0
15:57	0.037	0
15:58	0.03	0
15:59	0.028	0
16:00	0.028	0
16:01	0.027	0
16:02	0.028	0
16:03	0.028	0
16:04	0.027	0

16:05	0.027	0
16:06	0.026	0
16:07	0.036	0
16:08	0.033	0
16:09	0.028	0
16:10	0.026	0
16:11	0.025	0
16:12	0.026	0
16:13	0.026	0
16:14	0.025	0
16:15	0.024	0
16:16	0.024	0
16:17	0.023	0
16:18	0.026	0
16:19	0.027	0
16:20	0.028	0
16:21	0.024	0
16:22	0.024	0
16:23	0.025	0
16:24	0.023	0
16:25	0.031	0
16:26	0.034	0
16:27	0.036	0
16:28	0.043	0
16:29	0.031	0
16:30	0.035	0
16:31	0.03	0
16:32	0.034	0
16:33	0.031	0
16:34	0.086	0
16:35	0.035	0
16:36	0.033	0
16:37	0.024	0
16:38	0.032	0
16:39	0.037	0
16:40	0.04	0
16:41	0.213	0
16:42	0.078	0
16:43	0.03	0
16:44	0.036	0
16:45	0.039	0
16:46	0.022	0
16:47	0.066	0
16:48	0.037	0
16:49	0.028	0
16:50	0.041	0
16:51	0.05	0

16:52	0.062	0
16:53	0.052	0
16:54	0.053	0
16:55	0.047	0
16:56	0.066	0
16:57	0.052	0
16:58	0.052	0
16:59	0.063	0
17:00	0.03	0
17:01	0.025	0
17:02	0.021	0
17:03	0.021	0
17:04	0.023	0
17:05	0.026	0
17:06	0.039	0
17:07	0.089	0
17:08	0.038	0
17:09	0.124	0
17:10	0.034	0
17:11	0.027	0
17:12	0.061	0
17:13	0.052	0
17:14	0.026	0
17:15	0.024	0
17:16	0.027	0
17:17	0.056	0
17:18	0.032	0
17:19	0.029	0
17:20	0.024	0
17:21	0.028	0
17:22	0.034	0
17:23	0.03	0
17:24	0.028	0
17:25	0.026	0
17:26	0.024	0
17:27	0.02	0
17:28	0.025	0
17:29	0.023	0
17:30	0.022	0
17:31	0.024	0
17:32	0.027	0
17:33	0.03	0
17:34	0.029	0
17:35	0.02	0
17:36	0.018	0
17:37	0.02	0
17:38	0.024	0

17:39	0.021	0
17:40	0.033	0
17:41	0.02	0
17:42	0.022	0
17:43	0.021	0
17:44	0.02	0
17:45	0.02	0
17:46	0.027	0
17:47	0.041	0
17:48	0.026	0
17:49	0.023	0
17:50	0.045	0
17:51	0.028	0
17:52	0.035	0
17:53	0.052	0
17:54	0.062	0
17:55	0.053	0
17:56	0.107	0
17:57	0.072	0
17:58	0.056	0
17:59	0.061	0
18:00	0.079	0
18:01	0.081	0
18:02	0.056	0
18:03	0.042	0
18:04	0.037	0
18:05	0.033	0
18:06	0.029	0
18:07	0.028	0
18:08	0.02	0
18:09	0.019	0
18:10	0.028	0
18:11	0.016	0
18:12	0.025	0
18:13	0.068	0
18:14	0.034	0
18:15	0.061	0
18:16	0.053	0
18:17	0.048	0
18:18	0.039	0
18:19	0.026	0
18:20	0.034	0

DOWNWIND CAMP READINGS

585 Union Street, Brooklyn, NY



Instrument DustTrak II

Model Num 8530
 Serial Num 8530171414
 Firmware V 3.1
 Calibration 9/29/2022
 Test Name MANUAL_008
 Test Start T 6:57:29 AM
 Test Start L 4/20/2023
 Test Length 0:11:10
 Test Interv: 1:00
 Mass Aver: 0.024
 Mass Minir 0.008
 Mass Maxii 0.146
 Mass TWA 0.026
 Photometr 1
 Flow User (0
 Errors Max Concentration
 Number of 670

Elapsed Time	Mass [mg/m3]	PID	Alarms	Errors
6:57	0.11	0.3		
6:58	0.016	0.3		
6:59	0.014	0.3		
7:00	0.015	0.3		
7:01	0.013	0.3		
7:02	0.012	0.3		
7:03	0.012	0.3		
7:04	0.014	0.3		
7:05	0.06	0.3		
7:06	0.048	0.3		
7:07	0.019	0.3		
7:08	0.015	0.3		
7:09	0.014	0.3		
7:10	0.015	0.3		
7:11	0.017	0.3		
7:12	0.016	0.3		
7:13	0.015	0.3		
7:14	0.016	0.3		
7:15	0.015	0.3		
7:16	0.015	0.3		
7:17	0.017	0.3		
7:18	0.016	0.3		
7:19	0.015	0.3		
7:20	0.015	0.3		
7:21	0.016	0.3		
7:22	0.016	0.3		
7:23	0.016	0.3		

7:24	0.018	0.3
7:25	0.017	0.3
7:26	0.02	0.3
7:27	0.017	0.3
7:28	0.017	0.3
7:29	0.018	0.3
7:30	0.02	0.3
7:31	0.028	0.3
7:32	0.022	0.3
7:33	0.024	0.3
7:34	0.02	0.3
7:35	0.018	0.3
7:36	0.017	0.3
7:37	0.018	0.3
7:38	0.018	0.3
7:39	0.018	0.3
7:40	0.017	0.3
7:41	0.017	0.3
7:42	0.017	0.3
7:43	0.016	0.3
7:44	0.017	0.3
7:45	0.018	0.3
7:46	0.018	0.3
7:47	0.02	0.3
7:48	0.019	0.3
7:49	0.018	0.3
7:50	0.018	0.3
7:51	0.018	0.3
7:52	0.019	0.3
7:53	0.019	0.4
7:54	0.018	0.3
7:55	0.021	0.3
7:56	0.019	0.3
7:57	0.02	0.3
7:58	0.021	0.3
7:59	0.026	0.3
8:00	0.018	0.3
8:01	0.017	0.3
8:02	0.018	0.3
8:03	0.027	0.3
8:04	0.024	0.3
8:05	0.019	0.3
8:06	0.018	0.3
8:07	0.021	0.3
8:08	0.019	0.3
8:09	0.019	0.3
8:10	0.02	0.3

8:11	0.019	0.3
8:12	0.019	0.3
8:13	0.019	0.3
8:14	0.018	0.3
8:15	0.018	0.3
8:16	0.018	0.3
8:17	0.018	0.3
8:18	0.02	0.3
8:19	0.019	0.3
8:20	0.018	0.3
8:21	0.019	0.3
8:22	0.018	0.3
8:23	0.019	0.3
8:24	0.028	0.3
8:25	0.02	0.3
8:26	0.019	0.3
8:27	0.021	0.3
8:28	0.019	0.3
8:29	0.017	0.3
8:30	0.018	0.3
8:31	0.019	0.3
8:32	0.018	0.3
8:33	0.018	0.3
8:34	0.019	0.3
8:35	0.018	0.3
8:36	0.02	0.3
8:37	0.019	0.3
8:38	0.026	0.2
8:39	0.019	0.2
8:40	0.018	0.2
8:41	0.02	0.2
8:42	0.018	0.2
8:43	0.017	0.2
8:44	0.017	0.2
8:45	0.017	0.1
8:46	0.017	0.2
8:47	0.018	0.2
8:48	0.02	0.2
8:49	0.018	0.2
8:50	0.017	0.1
8:51	0.018	0.2
8:52	0.017	0.1
8:53	0.016	0.1
8:54	0.016	0.1
8:55	0.019	0.1
8:56	0.021	0.1
8:57	0.025	0.2

8:58	0.019	0.2
8:59	0.021	0.1
9:00	0.025	0.1
9:01	0.023	0.1
9:02	0.019	0.1
9:03	0.019	0.1
9:04	0.021	0.1
9:05	0.019	0.1
9:06	0.017	0.1
9:07	0.015	0.1
9:08	0.016	0.1
9:09	0.02	0.1
9:10	0.022	0.1
9:11	0.017	0.1
9:12	0.017	0.1
9:13	0.016	0.1
9:14	0.016	0.1
9:15	0.016	0.1
9:16	0.017	0.1
9:17	0.016	0.1
9:18	0.017	0.1
9:19	0.016	0.2
9:20	0.016	0.1
9:21	0.017	0.1
9:22	0.017	0.1
9:23	0.016	0.1
9:24	0.016	0.2
9:25	0.018	0.1
9:26	0.017	0.1
9:27	0.026	0.1
9:28	0.022	0.1
9:29	0.019	0.1
9:30	0.02	0.2
9:31	0.018	0.2
9:32	0.017	0.1
9:33	0.02	0.1
9:34	0.019	0.1
9:35	0.021	0.1
9:36	0.018	0.1
9:37	0.022	0.1
9:38	0.018	0.1
9:39	0.018	0.1
9:40	0.018	0.1
9:41	0.018	0.1
9:42	0.018	0.1
9:43	0.021	0.1
9:44	0.021	0.1

9:45	0.019	0.1
9:46	0.021	0.1
9:47	0.017	0.1
9:48	0.023	0.1
9:49	0.02	0.1
9:50	0.027	0.1
9:51	0.023	0.1
9:52	0.021	0.2
9:53	0.029	0.2
9:54	0.029	0.2
9:55	0.029	0.1
9:56	0.028	0.2
9:57	0.055	0.1
9:58	0.026	0.2
9:59	0.026	0.2
10:00	0.021	0.2
10:01	0.02	0.2
10:02	0.02	0.2
10:03	0.022	0.3
10:04	0.019	0.2
10:05	0.019	0.2
10:06	0.019	0.2
10:07	0.018	0.2
10:08	0.019	0.2
10:09	0.019	0.2
10:10	0.019	0.2
10:11	0.018	0.2
10:12	0.024	0.2
10:13	0.025	0.2
10:14	0.019	0.2
10:15	0.018	0.2
10:16	0.023	0.2
10:17	0.028	0.2
10:18	0.026	0.2
10:19	0.02	0.2
10:20	0.034	0.2
10:21	0.03	0.2
10:22	0.023	0.2
10:23	0.019	0.2
10:24	0.018	0.2
10:25	0.022	0.2
10:26	0.019	0.2
10:27	0.019	0.2
10:28	0.021	0.2
10:29	0.023	0.2
10:30	0.03	0.2
10:31	0.022	0.2

10:32	0.023	0.2
10:33	0.024	0.2
10:34	0.028	0.2
10:35	0.024	0.2
10:36	0.022	0.2
10:37	0.024	0.2
10:38	0.023	0.2
10:39	0.036	0.2
10:40	0.023	0.2
10:41	0.023	0.2
10:42	0.035	0.2
10:43	0.025	0.2
10:44	0.023	0.2
10:45	0.024	0.2
10:46	0.023	0.2
10:47	0.025	0.2
10:48	0.024	0.2
10:49	0.024	0.3
10:50	0.023	0.2
10:51	0.026	0.3
10:52	0.029	0.2
10:53	0.026	0.2
10:54	0.024	0.2
10:55	0.029	0.2
10:56	0.024	0.2
10:57	0.024	0.2
10:58	0.024	0.2
10:59	0.025	0.2
11:00	0.027	0.2
11:01	0.027	0.2
11:02	0.025	0.2
11:03	0.027	0.2
11:04	0.025	0.2
11:05	0.024	0.2
11:06	0.024	0.2
11:07	0.026	0.2
11:08	0.029	0.2
11:09	0.041	0.2
11:10	0.033	0.2
11:11	0.049	0.2
11:12	0.034	0.2
11:13	0.029	0.2
11:14	0.034	0.2
11:15	0.048	0.2
11:16	0.043	0.2
11:17	0.033	0.2
11:18	0.033	0.2

11:19	0.029	0.2
11:20	0.032	0.2
11:21	0.035	0.2
11:22	0.035	0.2
11:23	0.032	0.3
11:24	0.029	0.2
11:25	0.032	0.2
11:26	0.028	0.2
11:27	0.027	0.2
11:28	0.03	0.2
11:29	0.034	0.2
11:30	0.039	0.2
11:31	0.027	0.2
11:32	0.031	0.2
11:33	0.033	0.2
11:34	0.029	0.2
11:35	0.037	0.2
11:36	0.04	0.2
11:37	0.038	0.2
11:38	0.04	0.2
11:39	0.032	0.2
11:40	0.03	0.2
11:41	0.046	0.2
11:42	0.037	0.2
11:43	0.036	0.2
11:44	0.034	0.2
11:45	0.034	0.2
11:46	0.031	0.2
11:47	0.035	0.2
11:48	0.033	0.2
11:49	0.033	0.3
11:50	0.031	0.3
11:51	0.029	0.2
11:52	0.03	0.2
11:53	0.025	0.3
11:54	0.025	0.3
11:55	0.027	0.3
11:56	0.025	0.9
11:57	0.027	0.2
11:58	0.026	0.2
11:59	0.029	0.2
12:00	0.029	0.2
12:01	0.029	0.2
12:02	0.029	0.2
12:03	0.035	0.2
12:04	0.031	0.2
12:05	0.033	0.2

12:06	0.034	0.3
12:07	0.028	0.3
12:08	0.025	0.3
12:09	0.023	0.2
12:10	0.024	0.2
12:11	0.025	0.3
12:12	0.024	0.2
12:13	0.023	0.2
12:14	0.023	0.3
12:15	0.023	0.2
12:16	0.024	0.2
12:17	0.024	0.2
12:18	0.022	0.3
12:19	0.022	0.3
12:20	0.022	0.2
12:21	0.021	0.2
12:22	0.021	0.3
12:23	0.021	0.2
12:24	0.022	0.2
12:25	0.025	0.2
12:26	0.031	0.2
12:27	0.029	0.2
12:28	0.029	0.3
12:29	0.029	0.2
12:30	0.032	0.2
12:31	0.028	0.2
12:32	0.028	0.2
12:33	0.028	0.3
12:34	0.028	0.2
12:35	0.027	0.2
12:36	0.027	0.2
12:37	0.176	0.2
12:38	0.042	0.2
12:39	0.027	0.2
12:40	0.026	0.2
12:41	0.029	0.2
12:42	0.029	0.2
12:43	0.029	0.3
12:44	0.03	0.2
12:45	0.031	0.3
12:46	0.053	0.2
12:47	0.037	0.2
12:48	0.032	0.2
12:49	0.028	0.3
12:50	0.026	0.2
12:51	0.028	0.2
12:52	0.027	0.3

12:53	0.103	0.3
12:54	0.08	0.3
12:55	0.026	0.3
12:56	0.023	0.3
12:57	0.026	0.3
12:58	0.038	0.2
12:59	0.028	0.3
13:00	0.033	0.2
13:01	0.027	0.2
13:02	0.067	0.2
13:03	0.029	0.7
13:04	0.025	0.2
13:05	0.028	0.2
13:06	0.026	0.3
13:07	0.024	0.2
13:08	0.023	0.2
13:09	0.021	0.3
13:10	0.028	0.2
13:11	0.028	0.3
13:12	0.023	0.2
13:13	0.022	0.2
13:14	0.02	0.2
13:15	0.019	0.2
13:16	0.018	0.2
13:17	0.018	0.2
13:18	0.054	0.2
13:19	0.032	0.2
13:20	0.028	0.2
13:21	0.02	0.2
13:22	0.024	0.3
13:23	0.02	0.2
13:24	0.021	0.3
13:25	0.02	0.2
13:26	0.019	0.3
13:27	0.022	0.3
13:28	0.021	0.2
13:29	0.021	0.2
13:30	0.022	0.2
13:31	0.021	0.3
13:32	0.023	0.2
13:33	0.024	0.3
13:34	0.023	0.3
13:35	0.025	0.2
13:36	0.037	0.2
13:37	0.022	0.3
13:38	0.021	0.2
13:39	0.022	0.3

13:40	0.022	0.2
13:41	0.023	0.2
13:42	0.019	0.2
13:43	0.021	0.2
13:44	0.019	0.2
13:45	0.02	0.2
13:46	0.022	0.2
13:47	0.021	0.2
13:48	0.02	0.3
13:49	0.02	0.2
13:50	0.023	0.3
13:51	0.025	0.2
13:52	0.022	0.3
13:53	0.029	0.3
13:54	0.022	0.3
13:55	0.036	0.2
13:56	0.02	0.3
13:57	0.021	0.2
13:58	0.021	0.2
13:59	0.022	0.2
14:00	0.028	0.2
14:01	0.023	0.2
14:02	0.021	0.3
14:03	0.019	0.2
14:04	0.018	0.2
14:05	0.019	0.2
14:06	0.023	0.3
14:07	0.021	0.3
14:08	0.018	1.7
14:09	0.021	0.2
14:10	0.022	0.3
14:11	0.021	0.3
14:12	0.027	0.6
14:13	0.023	0.3
14:14	0.025	0.2
14:15	0.024	0.3
14:16	0.02	0.2
14:17	0.023	0.2
14:18	0.02	0.2
14:19	0.019	0.2
14:20	0.019	0.3
14:21	0.026	0.3
14:22	0.022	0.3
14:23	0.02	0.3
14:24	0.019	0.2
14:25	0.02	0.2
14:26	0.022	0.2

14:27	0.021	0.4
14:28	0.023	0.3
14:29	0.025	0.2
14:30	0.022	0.3
14:31	0.02	0.3
14:32	0.021	0.3
14:33	0.024	0.3
14:34	0.027	0.5
14:35	0.023	1.1
14:36	0.022	1.1
14:37	0.025	0.6
14:38	0.024	0.6
14:39	0.02	1.5
14:40	0.022	0.3
14:41	0.022	0.2
14:42	0.026	0.2
14:43	0.037	0.2
14:44	0.021	0.2
14:45	0.018	0.2
14:46	0.028	0.2
14:47	0.024	0.2
14:48	0.022	0.2
14:49	0.032	0.2
14:50	0.028	0.2
14:51	0.022	0.2
14:52	0.019	0.2
14:53	0.019	0.2
14:54	0.028	0.2
14:55	0.028	0.2
14:56	0.027	0.2
14:57	0.025	0.2
14:58	0.02	0.2
14:59	0.02	0.2
15:00	0.02	0.2
15:01	0.018	0.2
15:02	0.019	0.2
15:03	0.019	0.2
15:04	0.022	0.2
15:05	0.018	0.2
15:06	0.019	0.2
15:07	0.019	0.2
15:08	0.022	0.2
15:09	0.019	0.3
15:10	0.02	0.2
15:11	0.025	0.4
15:12	0.02	0.1
15:13	0.019	0.2

15:14	0.018	2.3
15:15	0.021	0.2
15:16	0.022	0.1
15:17	0.023	0.2
15:18	0.027	0.1
15:19	0.023	0.1
15:20	0.027	0.1
15:21	0.029	0.2
15:22	0.031	0.1
15:23	0.044	0.1
15:24	0.019	0.1
15:25	0.017	0.1
15:26	0.017	0.1
15:27	0.019	0.2
15:28	0.019	0.1
15:29	0.021	0.1
15:30	0.019	0.1
15:31	0.018	0.1
15:32	0.019	0.1
15:33	0.017	0.1
15:34	0.017	0.1
15:35	0.024	0.1
15:36	0.017	0.1
15:37	0.015	0.1
15:38	0.015	0.1
15:39	0.146	0.1
15:40	0.123	0.1
15:41	0.025	0
15:42	0.017	0.1
15:43	0.016	0.1
15:44	0.015	0.1
15:45	0.016	0.1
15:46	0.023	0
15:47	0.018	0.1
15:48	0.021	0.1
15:49	0.016	0
15:50	0.014	0
15:51	0.014	0
15:52	0.016	
15:53	0.014	
15:54	0.013	
15:55	0.014	
15:56	0.014	
15:57	0.015	
15:58	0.013	
15:59	0.013	
16:00	0.015	

16:01	0.013
16:02	0.014
16:03	0.015
16:04	0.016
16:05	0.015
16:06	0.012
16:07	0.013
16:08	0.012
16:09	0.017
16:10	0.015
16:11	0.013
16:12	0.012
16:13	0.011
16:14	0.013
16:15	0.013
16:16	0.013
16:17	0.013
16:18	0.012
16:19	0.011
16:20	0.012
16:21	0.015
16:22	0.015
16:23	0.02
16:24	0.01
16:25	0.012
16:26	0.011
16:27	0.013
16:28	0.01
16:29	0.011
16:30	0.011
16:31	0.011
16:32	0.011
16:33	0.012
16:34	0.015
16:35	0.012
16:36	0.011
16:37	0.013
16:38	0.009
16:39	0.01
16:40	0.019
16:41	0.014
16:42	0.014
16:43	0.012
16:44	0.012
16:45	0.011
16:46	0.011
16:47	0.01

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16:49	0.011
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16:51	0.01
16:52	0.012
16:53	0.017
16:54	0.014
16:55	0.012
16:56	0.012
16:57	0.014
16:58	0.014
16:59	0.013
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17:03	0.012
17:04	0.014
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17:07	0.011
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17:13	0.013
17:14	0.012
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17:16	0.011
17:17	0.014
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17:19	0.01
17:20	0.01
17:21	0.01
17:22	0.012
17:23	0.011
17:24	0.011
17:25	0.012
17:26	0.01
17:27	0.014
17:28	0.01
17:29	0.009
17:30	0.01
17:31	0.011
17:32	0.011
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17:34	0.009

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17:39	0.014
17:40	0.012
17:41	0.012
17:42	0.015
17:43	0.02
17:44	0.031
17:45	0.032
17:46	0.031
17:47	0.03
17:48	0.026
17:49	0.025
17:50	0.025
17:51	0.028
17:52	0.033
17:53	0.032
17:54	0.03
17:55	0.025
17:56	0.018
17:57	0.017
17:58	0.015
17:59	0.015
18:00	0.009
18:01	0.033
18:02	0.01
18:03	0.01
18:04	0.013
18:05	0.008
18:06	0.009