IMPACT ENVIRONMENTAL
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DAILY STATUS REPORT

Prepared By:

Thomas Jensen

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

IEC Project No:	14729	**NYSDEC BCP Site No**:	C224329	**Date**:	5/10/23
Project:	585 Union Street, Brooklyn, NY				

Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 06:45 Time Out: 18:30	**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 day's activities;
- Twenty four (24) truckloads of material to Bayshore from WC-2,WV-3, and WC-4 for disposal;
- Removed form from walls along Sackett Street and 3rd Avenue;
- STEGO Wrap vapor barrier began to be laid in WC-5 but was not fully inspected due to not being completely installed;
- Rebar work in WC-5;
- Collection of EP-27-051023(17-18); and
- Excavation work in petroleum impaction area, ATMOS foam sprayed on live excavation work and on stockpile once work was completed in this area for the day.

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

- No sustained dust exceedances were observed over a 15-min period during monitoring;
- Note that upwind CAMP unit had initial reading due to moisture in the line from over night.
- Prestart Upwind Conditions – PID = _0.0_ ppm, Dust = _0.155_ mg/m^3 @ 06:48.
- High Conditions (Upwind) – PID = _0.7_ ppm @ 13:21, Dust = _0.155 _ mg/m^3 @ 06:48.
- High Conditions (Downwind) – PID = _4.9_ ppm @ 10:14, Dust = _0.106_ mg/m^3 @ 09:55.

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 worker installing STEGO wrap.	

Photo 2 – Representative view of soil stockpile and trucking activities.	

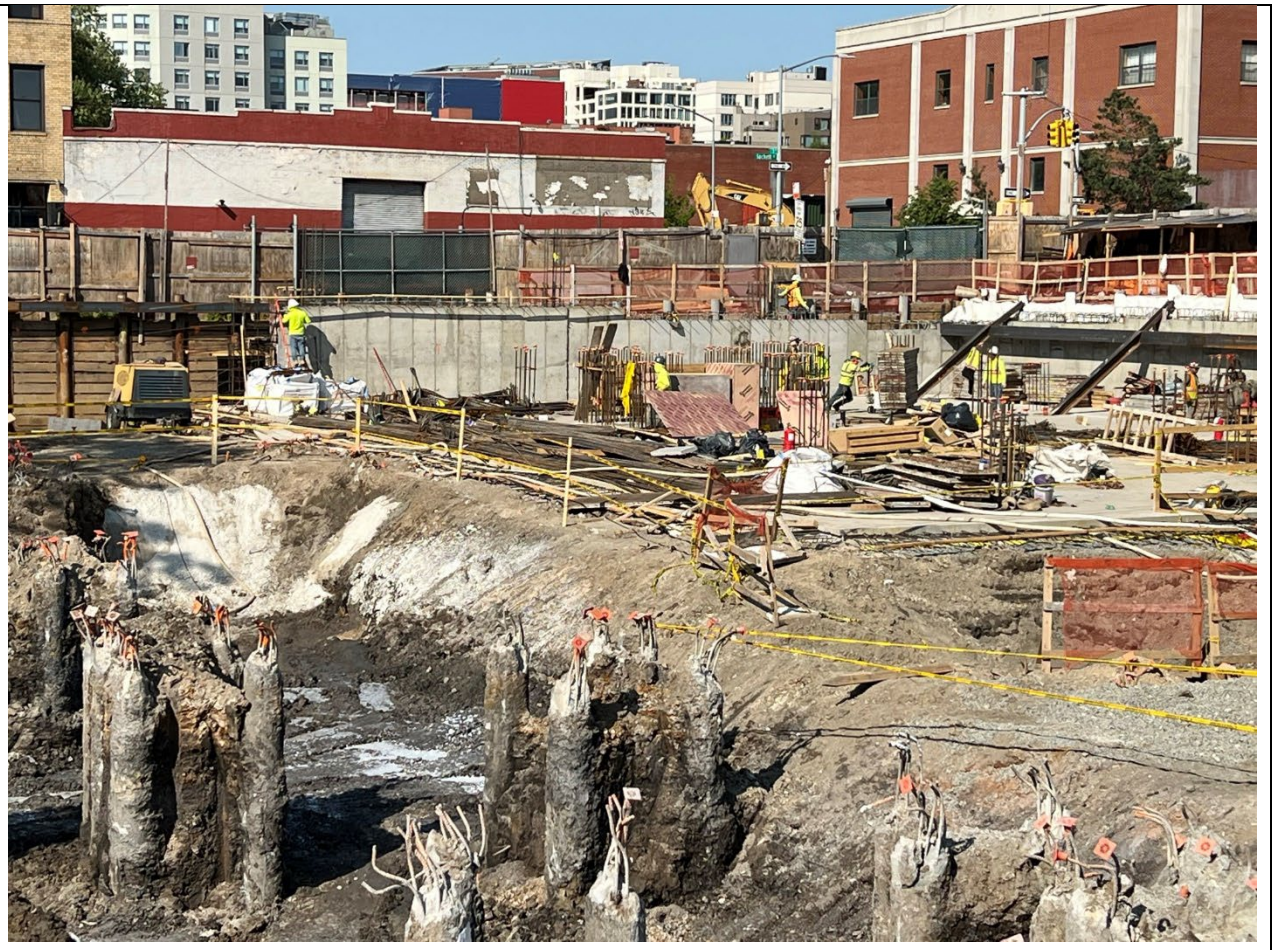
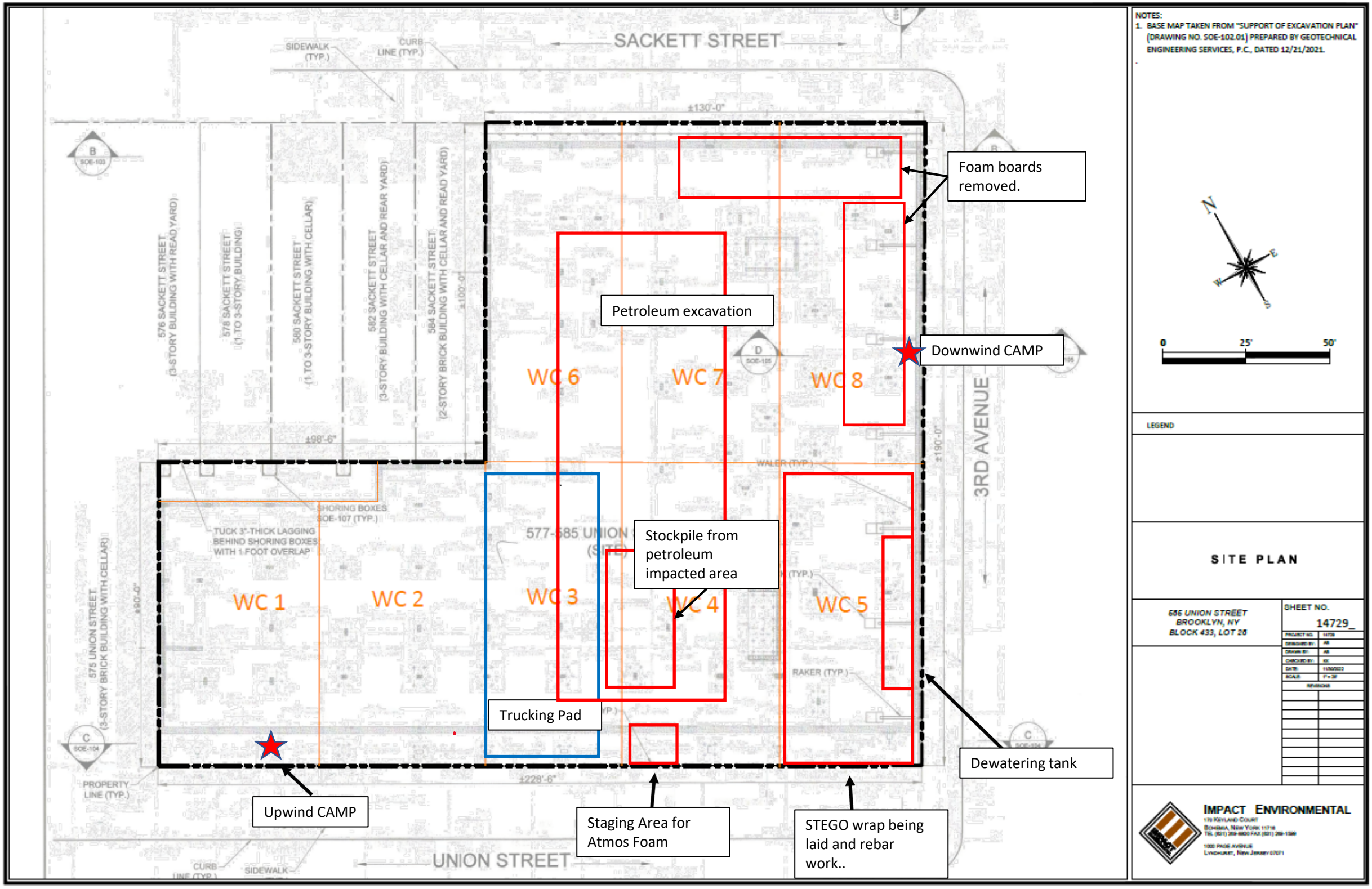
Photo 3 – Representative view of forms being removed from walls on Sackett and 3rd Avenue.	

Photo 4 – Representative view of ATMOS foam sprayed at the end of the day on excavation and remaining stockpile.	

SITE PLAN

585 Union Street, Brooklyn,

NY


SACKETT STREET
SIDEWALK (TYP.)
CURB LINE (TYP.)
±130'-0"
576 SACKETT STREET (3-STORY BUILDING WITH READ YARD)
578 SACKETT STREET (1 TO 3-STORY BUILDING)
580 SACKETT STREET (1 TO 3-STORY BUILDING WITH CELLAR)
582 SACKETT STREET (3-STORY BUILDING WITH CELLAR AND REAR YARD)
584 SACKETT STREET (2-STORY BRICK BUILDING WITH CELLAR AND READ YARD)
±100'-0"
±98'-6"
Foam boards removed.
Petroleum excavation
Downwind CAMP
WC 6
WC 7
WC 8
3RD AVENUE
±190'-0"
WALER (TYP.)
SHORING BOXES SOE-107 (TYP.)
TUCK 3"-THICK LAGGING BEHIND SHORING BOXES WITH 1 FOOT OVERLAP
577-585 UNION
(SITE)
Stockpile from petroleum impacted area
WC 1
WC 2
WC 3
WC 4
WC 5
RAKER (TYP.)
Trucking Pad
575 UNION STREET (3-STORY BRICK BUILDING WITH CELLAR)
±80'-0"
PROPERTY LINE (TYP.)
±228'-6"
Dewatering tank
Upwind CAMP
Staging Area for Atmos Foam
STEGO wrap being laid and rebar work..
CURB LINE (TYP.)
SIDEWALK
UNION STREET
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.
N
E
S
W
0
25'
50'
LEGEND
SITE PLAN
585 UNION STREET
BROOKLYN, NY
BLOCK 433, LOT 26
SHEET NO.
14729_
IMPACT ENVIRONMENTAL

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_014
Test Start Time	6:48:11 AM
Test Start Date	5/10/2023
Test Length [D:H:M]	0:11:01
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.155
Mass TWA [mg/m3]	0.028
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	661

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:48	0.155	0		
6:49	0.025	0.1		
6:50	0.026	0.1		
6:51	0.024	0.1		
6:52	0.025	0.1		
6:53	0.027	0.1		
6:54	0.027	0.1		
6:55	0.028	0.1		
6:56	0.028	0.1		
6:57	0.027	0.1		
6:58	0.024	0.1		
6:59	0.025	0.1		
7:00	0.046	0.1		
7:01	0.029	0.1		
7:02	0.029	0.1		
7:03	0.026	0.1		
7:04	0.027	0.1		
7:05	0.029	0.1		
7:06	0.03	0.1		
7:07	0.032	0.1		
7:08	0.029	0.1		
7:09	0.03	0.1		
7:10	0.029	0.1		
7:11	0.032	0.1		
7:12	0.035	0.1		
7:13	0.036	0.1		
7:14	0.034	0.1		

7:15	0.032	0.1
7:16	0.033	0.1
7:17	0.031	0.1
7:18	0.027	0.1
7:19	0.026	0.1
7:20	0.026	0.1
7:21	0.026	0.1
7:22	0.026	0.1
7:23	0.027	0.1
7:24	0.028	0.1
7:25	0.031	0.1
7:26	0.031	0.1
7:27	0.032	0.1
7:28	0.032	0.1
7:29	0.03	0.1
7:30	0.029	0.1
7:31	0.03	0.1
7:32	0.029	0.1
7:33	0.028	0.1
7:34	0.027	0.1
7:35	0.03	0.1
7:36	0.031	0.1
7:37	0.029	0.1
7:38	0.028	0.2
7:39	0.028	0.2
7:40	0.026	0.1
7:41	0.033	0.1
7:42	0.037	0.1
7:43	0.035	0.1
7:44	0.03	0.1
7:45	0.03	0.1
7:46	0.032	0.1
7:47	0.033	0.1
7:48	0.029	0.1
7:49	0.03	0.1
7:50	0.029	0.1
7:51	0.03	0.1
7:52	0.026	0.2
7:53	0.027	0.1
7:54	0.026	0.1
7:55	0.026	0.1
7:56	0.025	0.2
7:57	0.029	0.2
7:58	0.025	0.2
7:59	0.025	0.1
8:00	0.026	0.1
8:01	0.025	0.2

8:02	0.023	0.2
8:03	0.023	0.2
8:04	0.021	0.2
8:05	0.024	0.2
8:06	0.026	0.2
8:07	0.029	0.2
8:08	0.03	0.2
8:09	0.035	0.2
8:10	0.038	0.2
8:11	0.037	0.1
8:12	0.034	0.2
8:13	0.028	0.2
8:14	0.028	0.2
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8:16	0.025	0.2
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8:28	0.035	0.2
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8:30	0.029	0.2
8:31	0.029	0.2
8:32	0.028	0.2
8:33	0.029	0.2
8:34	0.032	0.2
8:35	0.032	0.2
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8:58	0.053	0.3
8:59	0.039	0.2
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9:04	0.045	0.2
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9:25	0.03	0.4
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10:22	0.055	0.3

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11:44	0.018	0.3
11:45	0.02	0.3
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11:53	0.023	0.3
11:54	0.021	0.3
11:55	0.018	0.3
11:56	0.018	0.3

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11:59	0.021	0.3
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12:03	0.021	0.3
12:04	0.021	0.3
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12:06	0.017	0.3
12:07	0.016	0.3
12:08	0.02	0.3
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12:17	0.018	0.3
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12:19	0.027	0.4
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12:26	0.024	0.3
12:27	0.026	0.3
12:28	0.023	0.3
12:29	0.02	0.3
12:30	0.018	0.3
12:31	0.017	0.3
12:32	0.022	0.3
12:33	0.021	0.3
12:34	0.018	0.3
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12:37	0.018	0.3
12:38	0.017	0.3
12:39	0.016	0.3
12:40	0.023	0.3
12:41	0.019	0.3
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12:43	0.017	0.3

12:44	0.016	0.3
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12:51	0.018	0.3
12:52	0.016	0.3
12:53	0.02	0.3
12:54	0.017	0.3
12:55	0.016	0.3
12:56	0.02	0.3
12:57	0.031	0.3
12:58	0.027	0.2
12:59	0.03	0.2
13:00	0.054	0.2
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13:02	0.019	0.3
13:03	0.017	0.3
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13:06	0.019	0.3
13:07	0.016	0.3
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13:36	0.036	0.3
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13:43	0.018	0.3
13:44	0.017	0.3
13:45	0.016	0.3
13:46	0.016	0.3
13:47	0.017	0.3
13:48	0.017	0.3
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13:50	0.019	0.3
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13:55	0.016	0.3
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13:57	0.016	0.3
13:58	0.015	0.3
13:59	0.017	0.3
14:00	0.019	0.3
14:01	0.02	0.3
14:02	0.019	0.3
14:03	0.017	0.3
14:04	0.016	0.3
14:05	0.02	0.3
14:06	0.016	0.3
14:07	0.016	0.3
14:08	0.017	0.3
14:09	0.019	0.3
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14:13	0.016	0.3
14:14	0.016	0.3
14:15	0.017	0.3
14:16	0.02	0.3
14:17	0.017	0.3

14:18	0.016	0.3
14:19	0.021	0.3
14:20	0.018	0.3
14:21	0.019	0.3
14:22	0.026	0.3
14:23	0.028	0.3
14:24	0.025	0.3
14:25	0.019	0.3
14:26	0.016	0.3
14:27	0.024	0.3
14:28	0.018	0.3
14:29	0.03	0.3
14:30	0.018	0.3
14:31	0.015	0.3
14:32	0.016	0.3
14:33	0.018	0.3
14:34	0.017	0.3
14:35	0.015	0.3
14:36	0.016	0.3
14:37	0.016	0.3
14:38	0.016	0.3
14:39	0.017	0.3
14:40	0.018	0.3
14:41	0.015	0.2
14:42	0.015	0.2
14:43	0.015	0.2
14:44	0.015	0.2
14:45	0.121	0.3
14:46	0.044	0.3
14:47	0.016	0.2
14:48	0.016	0.2
14:49	0.016	0.2
14:50	0.021	0.2
14:51	0.016	0.2
14:52	0.015	0.2
14:53	0.017	0.2
14:54	0.023	0.2
14:55	0.024	0.2
14:56	0.019	0.2
14:57	0.017	0.2
14:58	0.016	0.2
14:59	0.016	0.2
15:00	0.02	0.2
15:01	0.022	0.2
15:02	0.018	0.2
15:03	0.017	0.2
15:04	0.017	0.3

15:05	0.032	0.2
15:06	0.02	0.2
15:07	0.018	0.2
15:08	0.019	0.2
15:09	0.02	0.2
15:10	0.024	0.2
15:11	0.02	0.2
15:12	0.018	0.2
15:13	0.024	0.2
15:14	0.02	0.2
15:15	0.019	0.2
15:16	0.017	0.2
15:17	0.018	0.2
15:18	0.017	0.2
15:19	0.017	0.2
15:20	0.017	0.2
15:21	0.016	0.2
15:22	0.072	0.2
15:23	0.032	0.2
15:24	0.038	0.2
15:25	0.028	0.2
15:26	0.024	0.2
15:27	0.018	0.2
15:28	0.019	0.2
15:29	0.019	0.2
15:30	0.019	0.2
15:31	0.022	0.2
15:32	0.068	0.2
15:33	0.044	0.2
15:34	0.021	0.2
15:35	0.02	0.2
15:36	0.018	0.2
15:37	0.02	0.2
15:38	0.021	0.2
15:39	0.022	0.2
15:40	0.03	0.2
15:41	0.028	0.2
15:42	0.023	0.2
15:43	0.021	0.2
15:44	0.026	0.2
15:45	0.022	0.2
15:46	0.021	0.2
15:47	0.019	0.2
15:48	0.024	0.2
15:49	0.024	0.2
15:50	0.027	0.2
15:51	0.025	0.2

15:52	0.023	0.2
15:53	0.02	0.2
15:54	0.023	0.2
15:55	0.023	0.2
15:56	0.022	0.2
15:57	0.021	0.2
15:58	0.022	0.2
15:59	0.02	0.2
16:00	0.018	0.2
16:01	0.019	0.2
16:02	0.019	0.2
16:03	0.018	0.2
16:04	0.017	0.2
16:05	0.018	0.2
16:06	0.023	0.2
16:07	0.019	0.2
16:08	0.018	0.2
16:09	0.02	0.2
16:10	0.021	0.2
16:11	0.021	0.2
16:12	0.02	0.2
16:13	0.02	0.2
16:14	0.019	0.2
16:15	0.018	0.2
16:16	0.019	0.2
16:17	0.02	0.2
16:18	0.02	0.2
16:19	0.018	0.2
16:20	0.019	0.2
16:21	0.02	0.2
16:22	0.02	0.2
16:23	0.02	0.2
16:24	0.019	0.2
16:25	0.023	0.2
16:26	0.021	0.2
16:27	0.02	0.3
16:28	0.018	0.4
16:29	0.018	0.2
16:30	0.019	0.2
16:31	0.017	0.2
16:32	0.017	0.2
16:33	0.019	0.2
16:34	0.018	0.2
16:35	0.018	0.2
16:36	0.018	0.2
16:37	0.019	0.2
16:38	0.018	0.1

16:39	0.018	0.1
16:40	0.02	0.1
16:41	0.022	0.2
16:42	0.02	0.2
16:43	0.019	0.2
16:44	0.019	0.1
16:45	0.021	0.2
16:46	0.02	0.1
16:47	0.02	0.2
16:48	0.018	0.2
16:49	0.019	0.2
16:50	0.019	0.2
16:51	0.019	0.2
16:52	0.02	0.2
16:53	0.018	0.2
16:54	0.016	0.2
16:55	0.016	0.2
16:56	0.017	0.2
16:57	0.018	0.2
16:58	0.018	0.2
16:59	0.017	0.2
17:00	0.016	0.2
17:01	0.017	0.2
17:02	0.018	0.2
17:03	0.016	0.2
17:04	0.016	0.2
17:05	0.015	0.2
17:06	0.016	0.2
17:07	0.017	0.1
17:08	0.016	0.1
17:09	0.017	0.1
17:10	0.017	0.1
17:11	0.017	0.2
17:12	0.016	0.2
17:13	0.016	0.1
17:14	0.018	0.1
17:15	0.023	0.1
17:16	0.019	0.1
17:17	0.024	0.2
17:18	0.019	0.1
17:19	0.016	0.1
17:20	0.016	0.1
17:21	0.02	0.2
17:22	0.018	0.1
17:23	0.019	0.1
17:24	0.018	0.3
17:25	0.017	0.1

17:26	0.016	0.1
17:27	0.017	0.1
17:28	0.017	0.1
17:29	0.018	0.1
17:30	0.019	0.1
17:31	0.018	0.1
17:32	0.019	0.1
17:33	0.02	0.1
17:34	0.019	0.1
17:35	0.018	0.1
17:36	0.018	0.1
17:37	0.018	0.1
17:38	0.018	0
17:39	0.019	0
17:40	0.016	0
17:41	0.016	0
17:42	0.019	0
17:43	0.019	0
17:44	0.017	0
17:45	0.017	0
17:46	0.016	0
17:47	0.015	0
17:48	0.015	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_015
Test Start Time	7:02:06 AM
Test Start Date	5/10/2023
Test Length [D:H:M]	0:11:01
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	-0.001
Mass Maximum [mg/m3]	0.106
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	661

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:02	0.105	2.6		
7:03	0.029	2.5		
7:04	0.029	2.6		
7:05	0.03	2.6		
7:06	0.041	2.6		
7:07	0.025	2.5		
7:08	0.026	2.6		
7:09	0.027	2.6		
7:10	0.028	2.7		
7:11	0.033	2.6		
7:12	0.03	2.6		
7:13	0.027	2.7		
7:14	0.023	2.7		
7:15	0.029	2.7		
7:16	0.03	2.7		
7:17	0.03	2.7		
7:18	0.028	2.7		
7:19	0.034	2.9		
7:20	0.036	2.8		
7:21	0.033	2.8		
7:22	0.026	3		
7:23	0.026	2.8		
7:24	0.028	2.8		
7:25	0.031	2.8		
7:26	0.023	2.8		
7:27	0.025	2.9		
7:28	0.027	3		

7:29	0.024	2.9
7:30	0.025	3.3
7:31	0.031	2.9
7:32	0.04	2.9
7:33	0.041	2.9
7:34	0.037	3
7:35	0.035	3.1
7:36	0.035	2.9
7:37	0.032	2.9
7:38	0.03	2.9
7:39	0.041	2.9
7:40	0.035	3
7:41	0.03	3
7:42	0.024	3
7:43	0.04	3
7:44	0.035	3
7:45	0.048	2.9
7:46	0.028	2.9
7:47	0.045	3
7:48	0.024	3.1
7:49	0.026	3
7:50	0.039	3
7:51	0.039	3
7:52	0.026	3.1
7:53	0.032	3
7:54	0.024	3.1
7:55	0.027	3
7:56	0.026	3
7:57	0.028	3
7:58	0.023	3.2
7:59	0.023	3.1
8:00	0.022	3.3
8:01	0.025	3.1
8:02	0.025	3.1
8:03	0.027	3.1
8:04	0.026	3.1
8:05	0.025	3.1
8:06	0.021	3.1
8:07	0.026	3.1
8:08	0.04	3.1
8:09	0.029	3.1
8:10	0.035	3.1
8:11	0.02	3.2
8:12	0.034	3.2
8:13	0.031	3.2
8:14	0.023	3.2
8:15	0.023	3.2

8:16	0.026	3.2
8:17	0.025	3.2
8:18	0.036	3.2
8:19	0.028	3.2
8:20	0.025	3.2
8:21	0.025	3.5
8:22	0.027	3.2
8:23	0.028	3.2
8:24	0.032	3.3
8:25	0.034	3.3
8:26	0.026	3.3
8:27	0.023	3.3
8:28	0.022	3.3
8:29	0.023	3.5
8:30	0.022	3.3
8:31	0.022	3.3
8:32	0.024	3.3
8:33	0.023	3.3
8:34	0.024	3.4
8:35	0.027	3.7
8:36	0.027	3.4
8:37	0.031	3.7
8:38	0.034	3.5
8:39	0.026	3.4
8:40	0.028	3.4
8:41	0.027	3.6
8:42	0.032	3.4
8:43	0.032	3.4
8:44	0.026	3.4
8:45	0.027	3.3
8:46	0.026	3.4
8:47	0.026	4.1
8:48	0.028	3.4
8:49	0.041	3.4
8:50	0.035	3.4
8:51	0.03	3.4
8:52	0.027	3.4
8:53	0.026	3.5
8:54	0.03	3.5
8:55	0.032	3.4
8:56	0.028	3.5
8:57	0.026	3.5
8:58	0.026	3.6
8:59	0.029	3.5
9:00	0.067	3.5
9:01	0.026	3.5
9:02	0.028	3.5

9:03	0.029	3.7
9:04	0.032	3.6
9:05	0.026	3.5
9:06	0.025	3.6
9:07	0.03	3.5
9:08	0.033	3.5
9:09	0.029	3.5
9:10	0.027	3.6
9:11	0.027	3.6
9:12	0.027	3.6
9:13	0.027	4.3
9:14	0.037	3.8
9:15	0.032	3.7
9:16	0.029	3.9
9:17	0.033	3.6
9:18	0.028	3.6
9:19	0.029	3.7
9:20	0.032	3.6
9:21	0.03	3.7
9:22	0.029	4.3
9:23	0.029	3.8
9:24	0.029	4.4
9:25	0.032	4.4
9:26	0.032	3.9
9:27	0.031	3.7
9:28	0.033	3.8
9:29	0.028	4.6
9:30	0.036	3.9
9:31	0.024	4.1
9:32	0.023	4.1
9:33	0.029	3.9
9:34	0.027	4.1
9:35	0.035	4.8
9:36	0.027	4.6
9:37	0.029	4.6
9:38	0.029	4.8
9:39	0.028	4.6
9:40	0.034	4.8
9:41	0.028	3.7
9:42	0.027	3.8
9:43	0.028	4
9:44	0.028	4.3
9:45	0.028	4.8
9:46	0.031	4.5
9:47	0.035	3.6
9:48	0.03	3.7
9:49	0.027	3.6

9:50	0.03	3.8
9:51	0.03	4
9:52	0.028	3.5
9:53	0.029	3.6
9:54	0.028	3.6
9:55	0.106	3.7
9:56	0.029	4.3
9:57	0.03	4.5
9:58	0.029	4.2
9:59	0.031	5
10:00	0.029	3.6
10:01	0.03	4.7
10:02	0.031	3.4
10:03	0.047	3.5
10:04	0.056	4.5
10:05	0.034	3.5
10:06	0.033	3.3
10:07	0.039	3.3
10:08	0.03	3.4
10:09	0.03	3.3
10:10	0.031	3.3
10:11	0.03	3.3
10:12	0.031	3.4
10:13	0.028	4.5
10:14	0.027	4.9
10:15	0.026	3.5
10:16	0.027	3.9
10:17	0.028	4.1
10:18	0.03	3.1
10:19	0.026	3.2
10:20	0.026	3.2
10:21	0.031	3.2
10:22	0.027	3.2
10:23	0.03	3.6
10:24	0.029	3.3
10:25	0.027	3.7
10:26	0.028	3.9
10:27	0.036	5
10:28	0.027	4.1
10:29	0.028	3.6
10:30	0.032	3.5
10:31	0.034	5
10:32	0.029	4.4
10:33	0.026	3.1
10:34	0.026	3.1
10:35	0.027	3
10:36	0.026	3.1

10:37	0.033	3.2
10:38	0.032	3.1
10:39	0.027	3.3
10:40	0.025	3.8
10:41	0.035	2.9
10:42	0.035	3
10:43	0.033	2.9
10:44	0.03	2.8
10:45	0.025	2.9
10:46	0.026	3
10:47	0.033	3.3
10:48	0.028	2.9
10:49	0.024	3.1
10:50	0.027	3
10:51	0.021	2.9
10:52	0.021	2.9
10:53	0.021	2.9
10:54	0.019	2.9
10:55	0.022	3.4
10:56	0.02	3.4
10:57	0.019	3.5
10:58	0.016	3.4
10:59	0.014	3.5
11:00	0.016	3.5
11:01	0.018	3.5
11:02	0.015	3.4
11:03	0.016	3.4
11:04	0.015	3.4
11:05	0.015	3.5
11:06	0.018	3.4
11:07	0.016	3.3
11:08	0.02	3.4
11:09	0.013	3.4
11:10	0.016	3.4
11:11	0.014	3.4
11:12	0.014	3.4
11:13	0.016	3.5
11:14	0.015	3.3
11:15	0.01	3.5
11:16	0.021	3.5
11:17	0.017	3.4
11:18	0.017	3.4
11:19	0.014	3.6
11:20	0.016	3.4
11:21	0.009	3.7
11:22	0.012	3.5
11:23	0.012	3.4

11:24	0.01	3.5
11:25	0.009	3.7
11:26	0.011	3.5
11:27	0.01	3.8
11:28	0.01	3.7
11:29	0.014	3.7
11:30	0.017	3.7
11:31	0.017	3.6
11:32	0.019	3.9
11:33	0.015	4.2
11:34	0.013	4.6
11:35	0.017	3.9
11:36	0.013	3.5
11:37	0.019	3.7
11:38	0.015	3.7
11:39	0.011	3.7
11:40	0.014	3.7
11:41	0.018	3.4
11:42	0.009	3.6
11:43	0.01	3.4
11:44	0.011	3.4
11:45	0.015	3.4
11:46	0.014	3.4
11:47	0.016	3.6
11:48	0.013	3.6
11:49	0.013	4.1
11:50	0.013	4.1
11:51	0.012	4.3
11:52	0.009	4.1
11:53	0.008	4.1
11:54	0.009	3.7
11:55	0.006	3.6
11:56	0.006	4.1
11:57	0.007	4.1
11:58	0.007	3.5
11:59	0.009	3.8
12:00	0.014	3.1
12:01	0.012	3.1
12:02	0.008	3.4
12:03	0.007	4.1
12:04	0.005	3
12:05	0.006	2.9
12:06	0.009	2.9
12:07	0.008	3
12:08	0.009	3
12:09	0.011	2.9
12:10	0.01	2.9

12:11	0.012	2.9
12:12	0.009	3
12:13	0.006	3.2
12:14	0.016	3.4
12:15	0.01	3.6
12:16	0.008	2.9
12:17	0.01	3
12:18	0.007	3.6
12:19	0.006	3.2
12:20	0.008	3.9
12:21	0.005	2.9
12:22	0.003	2.9
12:23	0.004	3.2
12:24	0.004	3.9
12:25	0.004	3.3
12:26	0.004	3.2
12:27	0.007	3.3
12:28	0.015	3.9
12:29	0.006	3.9
12:30	0.006	3.8
12:31	0.004	3
12:32	0.002	2.8
12:33	0.007	2.8
12:34	0.012	3.4
12:35	0.016	3.3
12:36	0.017	3.8
12:37	0.009	2.6
12:38	0.01	2.7
12:39	0.003	2.7
12:40	0.006	2.7
12:41	0.004	2.6
12:42	0.004	2.7
12:43	0.002	2.7
12:44	0.004	2.9
12:45	0.006	2.9
12:46	0.006	3.2
12:47	0.004	3.4
12:48	0.005	4.2
12:49	0.006	4
12:50	0.005	4.7
12:51	0.002	3.6
12:52	0.002	3.2
12:53	0.001	3.5
12:54	0.001	3.9
12:55	0.001	3.2
12:56	0.001	2.5
12:57	0.001	2.5

12:58	0	2.6
12:59	0.001	2.5
13:00	0.003	2.6
13:01	0.009	2.8
13:02	0.004	2.8
13:03	0.001	3
13:04	0.002	3.1
13:05	0.006	2.9
13:06	0.003	3.2
13:07	0.005	2.6
13:08	0.003	2.7
13:09	0.002	2.9
13:10	0.002	3
13:11	0.003	3.3
13:12	0.008	3.8
13:13	0.002	3.6
13:14	0.02	5
13:15	0.003	3.8
13:16	0.001	3
13:17	0.001	3.2
13:18	0.001	3.3
13:19	0	4.5
13:20	0	2.6
13:21	0	2.7
13:22	0.001	3
13:23	0	3.3
13:24	0.003	2.9
13:25	0.006	3.2
13:26	0.002	3.7
13:27	0.001	4.9
13:28	0.001	2.7
13:29	0.001	3.1
13:30	0.007	2.8
13:31	0.002	3.8
13:32	0.005	4.4
13:33	0.001	3.5
13:34	0.002	2.8
13:35	0.001	2.3
13:36	0.002	2.3
13:37	0.008	2.3
13:38	0.004	2.3
13:39	0.005	2.4
13:40	0.01	2.4
13:41	0.001	2.5
13:42	0.002	2.6
13:43	0.002	2.8
13:44	0.001	3

13:45	0.001	3.6
13:46	0.001	4.9
13:47	0	3.4
13:48	0.002	4.3
13:49	0.002	2.5
13:50	0.001	2.4
13:51	0.001	2.3
13:52	0	2.4
13:53	0	2.4
13:54	0	2.4
13:55	0	2.4
13:56	0	2.6
13:57	0	2.5
13:58	0	2.5
13:59	0	2.6
14:00	0.003	2.4
14:01	0	2.4
14:02	0	2.3
14:03	0	2.3
14:04	0	2.4
14:05	0	2.5
14:06	0	2.5
14:07	0.002	2.6
14:08	0	2.4
14:09	0	2.6
14:10	0	2.7
14:11	0.001	2.8
14:12	0.001	2.5
14:13	0.001	2.6
14:14	0	2.7
14:15	0.002	2.7
14:16	0	2.5
14:17	0.001	2.7
14:18	0	2.4
14:19	0.001	2.4
14:20	0	2.7
14:21	0	2.6
14:22	0.001	2.5
14:23	0.003	2.8
14:24	0.001	2.6
14:25	0	2.7
14:26	0	2.7
14:27	0.001	2.9
14:28	0.001	2.3
14:29	0	2.3
14:30	0	2.3
14:31	0	2.4

14:32	0	2.5
14:33	0.008	2.5
14:34	0.004	2.4
14:35	0	2.4
14:36	0.005	2.5
14:37	0.019	2.6
14:38	0.003	2.7
14:39	0.006	2.5
14:40	0	2.8
14:41	0	2.6
14:42	0	2.4
14:43	0	2.4
14:44	0	2.4
14:45	0	2.3
14:46	-0.001	2.5
14:47	0	2.4
14:48	0.001	2.4
14:49	0	2.3
14:50	0.018	2.4
14:51	0.001	2.5
14:52	0	2.6
14:53	0	2.5
14:54	0	2.6
14:55	0	2.7
14:56	0.005	2.5
14:57	0.007	2.5
14:58	0	2.4
14:59	0	2.5
15:00	0	2.4
15:01	0	2.3
15:02	-0.001	2.3
15:03	0	2.4
15:04	0.001	2.3
15:05	0	2.4
15:06	0.004	2.4
15:07	0.006	2.4
15:08	0	2.4
15:09	0.003	2.5
15:10	0	2.4
15:11	0	2.4
15:12	0	2.5
15:13	0	2.7
15:14	0	2.9
15:15	-0.001	2.5
15:16	0	2.6
15:17	0.005	2.4
15:18	0.001	2.4

15:19	0.001	2.5
15:20	0	2.5
15:21	0	2.4
15:22	0	2.4
15:23	0	2.4
15:24	0	2.5
15:25	0	2.4
15:26	0.001	2.6
15:27	0	2.5
15:28	0.001	2.6
15:29	0.001	2.6
15:30	0.009	2.6
15:31	0.002	3.2
15:32	0.028	2.5
15:33	0.035	2.7
15:34	0.006	3.1
15:35	0	3
15:36	0	3.1
15:37	0	2.5
15:38	0	2.8
15:39	0	3.5
15:40	0.001	2.7
15:41	0.003	2.6
15:42	0.001	2.3
15:43	0.001	2.4
15:44	0	2.9
15:45	0.007	2.2
15:46	0.001	2.3
15:47	0	2.7
15:48	0.001	2.2
15:49	0.009	2.2
15:50	0	2.3
15:51	0.01	2.2
15:52	0.002	2.4
15:53	0.007	2.4
15:54	0.001	2.3
15:55	0	2.4
15:56	0	2.5
15:57	0.001	2.3
15:58	0	2.1
15:59	0.01	2.1
16:00	0.002	2.1
16:01	0.003	2.2
16:02	0.006	2.2
16:03	0	2.2
16:04	0	2.2
16:05	0	2.2

16:06	0	2.3
16:07	0.001	2.3
16:08	0	2.2
16:09	0.001	2.3
16:10	0.001	2.4
16:11	0.002	2.4
16:12	0.001	2.2
16:13	0.001	2.3
16:14	0.004	2.9
16:15	0.005	2.5
16:16	0.007	3
16:17	0.029	2.5
16:18	0.045	2.3
16:19	0.006	2.3
16:20	0.001	2.3
16:21	0.001	2.8
16:22	0.008	3
16:23	0.004	2.6
16:24	0.002	2.3
16:25	0.001	2.4
16:26	0.002	2.4
16:27	0.016	2.7
16:28	0.018	2.6
16:29	0.024	3.7
16:30	0.035	2.1
16:31	0.003	2.1
16:32	0.005	2.1
16:33	0.003	2.1
16:34	0.004	2.2
16:35	0.006	2.5
16:36	0.007	2.4
16:37	0.011	2.9
16:38	0.005	4.8
16:39	0.001	2.5
16:40	0	2
16:41	0.035	2.1
16:42	0.002	2.3
16:43	0.005	2
16:44	0.004	2
16:45	0	2
16:46	0.004	2
16:47	0.002	1.9
16:48	0.002	2
16:49	0.006	2
16:50	0.004	2.1
16:51	0.004	2.3
16:52	0.003	2.5

16:53	0.003	2.6
16:54	0.006	4.1
16:55	0.007	4.3
16:56	0.008	3.7
16:57	0.004	2.2
16:58	0.003	2.4
16:59	0.002	3.7
17:00	0.006	4.1
17:01	0.005	3.7
17:02	0.002	1.7
17:03	0	1.6
17:04	0	1.7
17:05	0.001	1.7
17:06	0.009	1.7
17:07	0.01	1.8
17:08	0.033	2
17:09	0.001	2.1
17:10	0	2.4
17:11	0.001	4.2
17:12	0.005	2.2
17:13	0.003	2.3
17:14	0.03	4.4
17:15	0.001	1.6
17:16	0.003	1.6
17:17	0.014	2
17:18	0.004	2.5
17:19	0.017	2.7
17:20	0.01	2.9
17:21	0	2.6
17:22	0.001	1.6
17:23	0.009	2.5
17:24	0	2.2
17:25	0.001	2.9
17:26	0	2.8
17:27	0.004	2.7
17:28	0.004	3.1
17:29	0.001	5
17:30	0	1.3
17:31	0	1.7
17:32	0.001	3.2
17:33	0.003	1.6
17:34	0.02	2.3
17:35	0.009	2.4
17:36	0.006	1.5
17:37	0.006	2.9
17:38	0.001	0.9
17:39	0.002	1.7

17:40	0.015	1.5
17:41	0	1.2
17:42	0.002	1.3
17:43	0.001	2
17:44	0.014	3.6
17:45	0.001	4.3
17:46	0.002	4.1
17:47	0.001	1.6
17:48	0.002	0.9
17:49	0.008	0.6
17:50	0.01	0.2
17:51	0.007	0.4
17:52	0.002	0.6
17:53	0	1.1
17:54	0.001	0.1
17:55	0	0.6
17:56	0	0
17:57	0.001	0
17:58	0.006	0
17:59	0.003	0
18:00	0.004	0
18:01	0.006	0
18:02	0.001	0