



DAILY STATUS REPORT

Prepared By:

Thomas Jensen

WEATHER	Snow	Rain	Overcast	Partly Cloudy	X	Bright Sun	Wind
TEMP.	< 32	32-50	X	50-70	70-85	>85	E- 4 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	3/31/23
Project:	585 Union Street, Brooklyn, NY				

<p>Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG)</p> <p>Time On: 06:30 Time Out: 16:30</p>	<p>Personnel On Site: IEEG (Environmental) –Thomas Jensen Broadway Construction Group, Shannon Dowling Raptor – Foundation Contractor</p> <p>Equipment On Site: Cat325C, Cat 311C, Minirae 3000 PID, DustTrak II,</p>
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Scope of Work:

- Community Air Monitoring Program (CAMP) implementation in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP);
- Oversight of excavation/loading of fill materials;

Site Activities:

- CAMP Deployed;
- Raptor prepping pile caps in the elevator pit;
- Excavator operator began excavating in northern portion of petroleum impacted area in an attempt for IEEG to collect EP-20, petroleum odors were noted by IEEG and BioSolve was actively sprayed on excavation. Odor persisted, though no PID thresholds were met, IEEG paused excavation work in petroleum impacted area and sprayed excavated material prior to covering in poly. Stockpiled, approved limestone was temporarily backfilled into the excavation to mitigate odors. It should be noted that this material will be excavated and removed from the Site for proper disposal at the Bayshore, NJ facility. Arron Fisher from the DEC and Ian Arturo from WSP stopped by the site due to odors emanating from 585 Union. A. Fisher stated Atmos foam should be used going forward to mitigate odors as it provides a thicker foam covering and will mitigate odors more sufficiently. Atmos foam was ordered on 3/31/23 and estimated to arrive on-Site Tuesday, 4/4/23. All work within the petroleum impacted area will be paused until Atmos foam and sprayer mechanism is operable on-Site;
- Workers began repairing the adjacent building on Sackett Street, where DOB *Stop Work Order* was in place;
- Two (2) truckloads of virgin stone from Mt. Hope, NJ; and
- Six (6) truckloads of material from WC-4 at the 6-9' interval were removed from the Site for off-site disposal to Bayshore.

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; light rain began at 16:00
- No sustained dust exceedances were observed over a 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.8__ ppm, Dust = __0.182__ mg/m³ @ 06:56 ** Elevated initial reading due to moisture build-up in line overnight.
- High Conditions (Upwind) – PID = __1.3__ ppm @ 10:02, Dust = _0.182 mg/m³ @ 06:56 **SAA
- High Conditions (Downwind) – PID = __1.4__ ppm @ 15:42, Dust = _0.194 mg/m³ @ 07:13

Notable Site Conditions:

- See Site Activities.

Planned for the Next Day:

- Soil disposal; and
- Pile cap work.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –

Representative view of the BioSolve being actively sprayed on material excavated from within the petroleum impacted area.



Photo 2 –

Representative view of work being done on the pile caps located in the elevator pit.



Photo 3 –
Representative
view of
workers fixing
the adjacent
building
located along
Sackett Street.



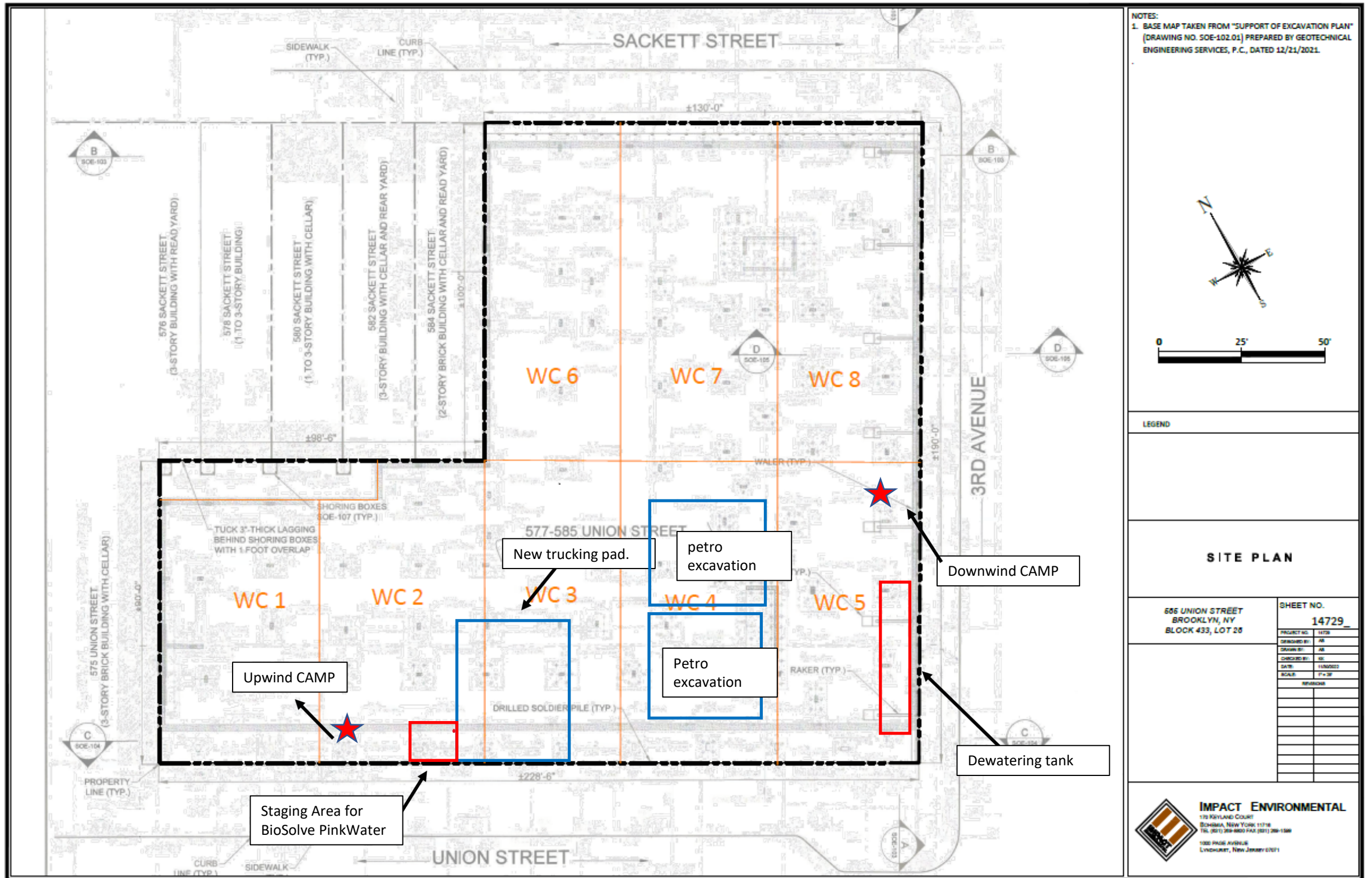
Photo 4 –
Representative
photo of
stockpiled
material from
within the
petroleum
impacted area
covered with
poly at the end
of the days
activities.



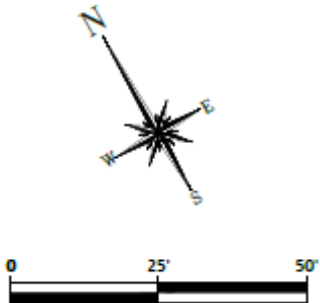
SITE PLAN

585 Union Street, Brooklyn,
NY



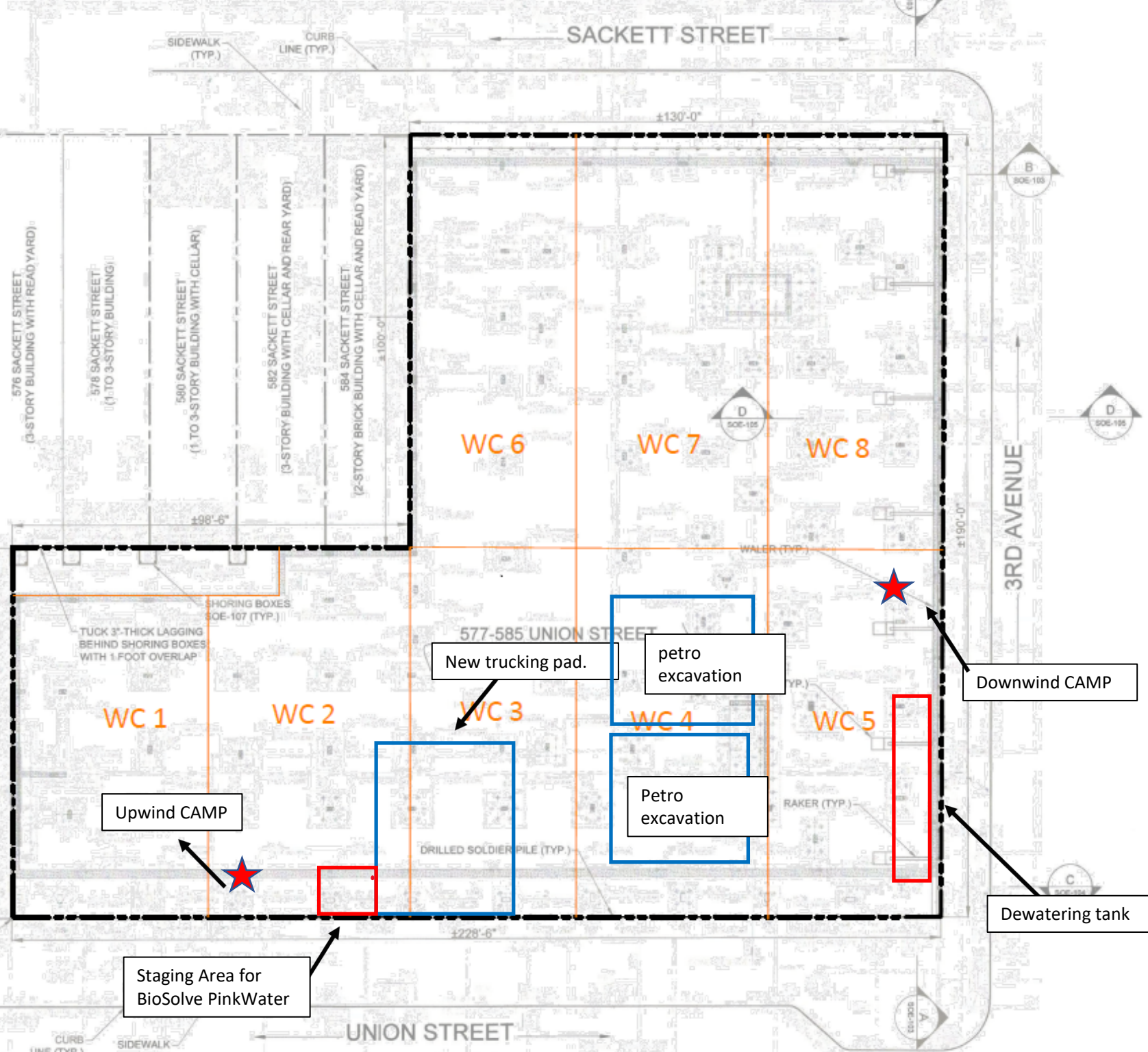


NOTES:
 1. BASE MAP TAKEN FROM "SUPPORT OF EXCAVATION PLAN" (DRAWING NO. SOE-102.01) PREPARED BY GEOTECHNICAL ENGINEERING SERVICES, P.C., DATED 12/21/2021.



LEGEND

SITE PLAN



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_004
Test Start Time	6:56:08 AM
Test Start Date	3/31/2023
Test Length [D:H:M]	0:00:16
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.037
Mass Minimum [mg/m3]	0.026
Mass Maximum [mg/m3]	0.182
Mass TWA [mg/m3]	0.001
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	16

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:56	0.182	0.8		
6:57	0.027	0.4		
6:58	0.027	0.3		
6:59	0.03	0.6		
7:00	0.032	0.9		
7:01	0.026	0.9		
7:02	0.027	0.0		
7:03	0.027	1		
7:04	0.029	0.6		
7:05	0.028	0.8		
7:06	0.027	0.8		
7:07	0.027	0.1		
7:08	0.026	0.0		
7:09	0.027	0.0		
7:10	0.029	0.0		
7:11	0.028	0.0		
7:13	0.035	0.0		
7:14	0.027	0.0		
7:15	0.026	0.0		
7:16	0.027	0.0		
7:17	0.027	0.0		
7:18	0.027	0.0		
7:19	0.027	0.4		
7:20	0.027	0.9		
7:21	0.028	1.2		
7:22	0.027	0.0		
7:23	0.027	0.1		

7:24	0.027	0.0
7:25	0.028	0.0
7:26	0.029	0.0
7:27	0.032	0.0
7:28	0.032	0.0
7:29	0.03	0.0
7:30	0.03	0.0
7:31	0.03	0.0
7:32	0.03	0.1
7:33	0.031	0.0
7:34	0.03	0.7
7:35	0.03	0.0
7:36	0.031	0.0
7:37	0.033	0.0
7:38	0.031	0.0
7:39	0.032	0.0
7:40	0.029	0.0
7:41	0.028	0.0
7:42	0.03	0.0
7:43	0.03	0.0
7:44	0.026	0.0
7:45	0.027	0.0
7:46	0.028	0.7
7:47	0.028	0.0
7:48	0.027	0.0
7:49	0.026	0.0
7:50	0.052	0.0
7:51	0.026	0.0
7:52	0.025	0.0
7:53	0.026	0.0
7:54	0.025	0.0
7:55	0.025	0.1
7:56	0.026	0.0
7:57	0.026	0.0
7:58	0.025	0.0
7:59	0.025	0.0
8:00	0.025	0.0
8:01	0.024	0.0
8:02	0.023	0.0
8:03	0.024	0.0
8:04	0.061	0.0
8:05	0.024	0.0
8:06	0.024	0.0
8:07	0.024	0.2
8:08	0.023	0.5
8:09	0.025	0.5
8:10	0.026	0.6

8:11	0.024	0.0
8:12	0.025	0.0
8:13	0.025	0.0
8:14	0.024	0.1
8:15	0.024	0.2
8:16	0.025	0.0
8:17	0.025	0.0
8:18	0.025	1
8:19	0.025	0.0
8:20	0.026	0.3
8:21	0.025	1
8:22	0.024	0.0
8:23	0.024	0.0
8:24	0.025	0.0
8:25	0.025	0.0
8:26	0.025	0.0
8:27	0.027	0.7
8:28	0.026	0.0
8:29	0.026	0.0
8:30	0.028	0.0
8:31	0.027	0.0
8:32	0.026	0.9
8:33	0.027	0.0
8:34	0.027	0.0
8:35	0.026	1
8:36	0.027	0.7
8:37	0.027	0.0
8:38	0.025	0.0
8:39	0.027	0.0
8:40	0.026	0.7
8:41	0.024	0.0
8:42	0.026	0.0
8:43	0.027	0.0
8:44	0.027	0.0
8:45	0.029	0.0
8:46	0.028	0.6
8:47	0.027	0.2
8:48	0.026	0.0
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8:55	0.027	0.0
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8:57	0.025	0.0

8:58	0.03	0.9
8:59	0.031	0.1
9:00	0.028	0.2
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9:02	0.032	0.0
9:03	0.033	0.0
9:04	0.03	0.7
9:05	0.028	0.3
9:06	0.027	0.6
9:07	0.029	0.9
9:08	0.027	0.3
9:09	0.028	0.3
9:10	0.027	0.0
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9:12	0.026	0.0
9:13	0.027	0.0
9:14	0.03	0.4
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9:16	0.028	0.0
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9:18	0.036	0.0
9:19	0.043	0.0
9:20	0.043	0.0
9:21	0.038	0.4
9:22	0.037	0.0
9:23	0.033	0.0
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9:25	0.028	0.0
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9:28	0.028	0.0
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9:30	0.023	0.0
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9:57	0.023	0.0
9:58	0.023	0.0
9:59	0.023	0.0
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10:01	0.023	0.4
10:02	0.043	1.3
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10:04	0.024	0.0
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10:09	0.021	0.0
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10:23	0.021	0.0
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10:30	0.02	0.0
10:31	0.021	0.0

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10:49	0.028	0.0
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10:51	0.024	0.0
10:52	0.02	0.0
10:53	0.02	0.0
10:54	0.021	0.0
10:55	0.022	0.0
10:56	0.028	0.0
10:57	0.031	0.0
10:58	0.034	0.0
10:59	0.055	0.0
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11:01	0.023	0.0
11:02	0.023	0.0
11:03	0.022	0.0
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11:11	0.023	0.6
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11:17	0.022	0.6
11:18	0.023	0.5

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11:22	0.021	0.5
11:23	0.02	0.5
11:24	0.026	0.5
11:25	0.026	0.5
11:26	0.022	0.4
11:27	0.021	0.4
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11:29	0.027	0.4
11:30	0.021	0.3
11:31	0.022	0.3
11:32	0.032	0.3
11:33	0.028	0.2
11:34	0.019	0.2
11:35	0.019	0.2
11:36	0.019	0.2
11:37	0.022	0.1
11:38	0.024	0.1
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12:22	0.022	0.0
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12:24	0.024	0.0
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12:26	0.047	0.0
12:27	0.018	0.0
12:28	0.018	0.0
12:29	0.02	0.0
12:30	0.024	0.0
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12:33	0.028	0.0
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12:35	0.017	0.0
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12:53	0.018	0.0
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12:57	0.032	0.0
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12:59	0.019	0.0
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13:01	0.033	0.0
13:02	0.017	0.0
13:03	0.018	0.0
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13:05	0.018	0.0
13:06	0.019	0.0
13:07	0.019	0.0
13:08	0.019	0.0
13:09	0.018	0.0
13:10	0.017	0.0
13:11	0.017	0.0
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13:13	0.018	0.0
13:14	0.017	0.0
13:15	0.017	0.0
13:16	0.017	0.0
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13:18	0.016	0.0
13:19	0.049	0.0
13:20	0.02	0.0
13:21	0.02	0.0
13:22	0.017	0.0
13:23	0.018	0.0
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13:25	0.026	0.0
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13:28	0.019	0.0
13:29	0.017	0.0
13:30	0.018	0.0
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13:32	0.02	0.0
13:33	0.021	0.0
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13:44	0.021	0.0
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13:46	0.021	0.0
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13:55	0.019	0.0
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14:01	0.017	0.0
14:02	0.017	0.0
14:03	0.017	0.0
14:04	0.017	0.0
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14:14	0.018	0.0
14:15	0.016	0.0
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14:22	0.017	0.0
14:23	0.02	0.0
14:24	0.03	0.0
14:25	0.025	0.0
14:26	0.047	0.0

14:27	0.018	0.0
14:28	0.021	0.0
14:29	0.024	0.0
14:30	0.02	0.0
14:31	0.016	0.0
14:32	0.015	0.0
14:33	0.016	0.0
14:34	0.015	0.0
14:35	0.015	0.0
14:36	0.017	0.0
14:37	0.015	0.0
14:38	0.015	0.0
14:39	0.015	0.0
14:40	0.015	0.0
14:41	0.016	0.0
14:42	0.016	0.0
14:43	0.015	0.0
14:44	0.014	0.0
14:45	0.015	0.0
14:46	0.015	0.0
14:47	0.015	0.0
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14:49	0.015	0.0
14:50	0.016	0.0
14:51	0.016	0.0
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14:53	0.014	0.0
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14:55	0.014	0.0
14:56	0.016	0.0
14:57	0.016	0.0
14:58	0.015	0.0
14:59	0.015	0.0
15:00	0.014	0.0
15:01	0.015	0.0
15:02	0.014	0.0
15:03	0.014	0.0
15:04	0.014	0.0
15:05	0.015	0.0
15:06	0.016	0.0
15:07	0.013	0.0
15:08	0.013	0.0
15:09	0.015	0.0
15:10	0.016	0.0
15:11	0.015	0.0
15:12	0.014	0.0
15:13	0.015	0.0

15:14	0.018	0.0
15:15	0.016	0.0
15:16	0.016	0.0
15:17	0.017	0.0
15:18	0.014	0.0
15:19	0.014	0.0
15:20	0.015	0.0
15:21	0.014	0.0
15:22	0.016	0.0
15:23	0.014	0.0
15:24	0.015	0.0
15:25	0.015	0.0
15:26	0.015	0.0
15:27	0.014	0.0
15:28	0.015	0.0
15:29	0.017	0.0
15:30	0.015	0.0
15:31	0.015	0.0
15:32	0.014	0.0
15:33	0.016	0.0
15:34	0.015	0.0
15:35	0.014	0.0
15:36	0.015	0.0
15:37	0.016	0.0
15:38	0.015	0.0
15:39	0.015	0.0
15:40	0.015	0.0
15:41	0.015	0.0
15:42	0.016	0.0
15:43	0.015	0.0
15:44	0.015	0.0
15:45	0.015	0.0
15:46	0.015	0.0
15:47	0.013	0.0
15:48	0.015	0.0
15:49	0.015	0.0
15:50	0.014	0.0
15:51	0.013	0.0
15:52	0.014	0.0
15:53	0.019	0.0
15:54	0.014	0.0
15:55	0.014	0.0
15:56	0.014	0.0
15:57	0.015	0.0
15:58	0.015	0.0
15:59	0.018	0.0
16:00	0.014	0.0

16:01	0.014	0.0
16:02	0.015	0.0
16:03	0.015	0.0
16:04	0.016	0.0
16:05	0.016	0.0
16:06	0.014	0.0
16:07	0.017	0.0
16:08	0.016	0.0
16:09	0.015	0.0
16:10	0.015	0.0
16:11	0.016	0.0
16:12	0.014	0.0
16:13	0.013	0.0
16:14	0.015	0.0
16:15	0.014	0.0
16:16	0.015	0.0
16:17	0.015	0.0
16:18	0.015	0.0
16:19	0.015	0.0
16:20	0.014	0.0
16:21	0.013	0.0
16:22	0.014	0.0

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_004
Test Start Time	6:57:21 AM
Test Start Date	3/31/2023
Test Length [D:H:M]	0:09:13
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.023
Mass Maximum [mg/m3]	0.048
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	13

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:57	0.039	0.1		
6:58	0.024	0.1		
6:59	0.023	0.1		
7:00	0.024	0.1		
7:01	0.028	0.1		
7:02	0.026	0.1		
7:03	0.025	0.1		
7:04	0.025	0.1		
7:05	0.029	0.1		
7:06	0.027	0.1		
7:07	0.025	0.1		
7:08	0.024	0.1		
7:09	0.048	0.1		
7:11	0.03	0.1		
7:12	0.026	0.1		
7:13	0.194	0.1		
7:14	0.036	0.1		
7:15	0.028	0.1		
7:16	0.031	0.1		
7:17	0.04	0.1		
7:18	0.033	0.1		
7:19	0.031	0.1		
7:20	0.031	0.1		
7:21	0.031	0.1		
7:22	0.03	0.1		
7:23	0.032	0.2		
7:24	0.032	0.1		

7:25	0.033	0.1
7:26	0.063	0.1
7:27	0.055	0.1
7:28	0.072	0.1
7:29	0.065	0.1
7:30	0.105	0.1
7:31	0.062	0.1
7:32	0.043	0.1
7:33	0.046	0.1
7:34	0.074	0.1
7:35	0.043	0.1
7:36	0.042	0.1
7:37	0.044	0.1
7:38	0.053	0.1
7:39	0.07	0.3
7:40	0.045	0.1
7:41	0.032	0.3
7:42	0.074	0.1
7:43	0.055	0.1
7:44	0.058	0.1
7:45	0.031	0.1
7:46	0.031	0.2
7:47	0.03	0.1
7:48	0.03	0.1
7:49	0.051	0.1
7:50	0.049	0.2
7:51	0.047	0.1
7:52	0.036	0.1
7:53	0.038	0.1
7:54	0.048	0.2
7:55	0.043	0.1
7:56	0.032	0.1
7:57	0.032	0.2
7:58	0.055	0.1
7:59	0.035	0.1
8:00	0.051	0.1
8:01	0.046	0.1
8:02	0.033	0.1
8:03	0.032	0.1
8:04	0.027	0.1
8:05	0.032	0.1
8:06	0.032	0.1
8:07	0.032	0.1
8:08	0.029	0.1
8:09	0.029	0.1
8:10	0.032	0.1
8:11	0.032	0.1

8:12	0.03	0.2
8:13	0.031	0.1
8:14	0.029	0.1
8:15	0.03	0.1
8:16	0.03	0.1
8:17	0.031	0.1
8:18	0.032	0.2
8:19	0.03	0.1
8:20	0.035	0.1
8:21	0.04	0.1
8:22	0.036	0.1
8:23	0.034	0.1
8:24	0.034	0.1
8:25	0.038	0.1
8:26	0.036	0.2
8:27	0.063	0.1
8:28	0.07	0.1
8:29	0.074	0.1
8:30	0.065	0.1
8:31	0.101	0.1
8:32	0.052	0.1
8:33	0.052	0.1
8:34	0.042	0.1
8:35	0.035	0.1
8:36	0.04	0.1
8:37	0.032	0.1
8:38	0.036	0.1
8:39	0.032	0.1
8:40	0.044	0.1
8:41	0.038	0.1
8:42	0.031	0.1
8:43	0.047	0.1
8:44	0.034	0.2
8:45	0.035	0.1
8:46	0.031	0.2
8:47	0.029	0.1
8:48	0.033	0.1
8:49	0.043	0.1
8:50	0.035	0.1
8:51	0.04	0.1
8:52	0.039	0.1
8:53	0.057	0.1
8:54	0.06	0.1
8:55	0.071	0.1
8:56	0.049	0.1
8:57	0.095	0.1
8:58	0.043	0.1

8:59	0.041	0.1
9:00	0.038	0.1
9:01	0.038	0.1
9:02	0.035	0.3
9:03	0.034	0.1
9:04	0.049	0.3
9:05	0.041	0.3
9:06	0.032	0.1
9:07	0.031	0.1
9:08	0.033	0.1
9:09	0.041	0.1
9:10	0.038	0.1
9:11	0.034	0.1
9:12	0.052	0.1
9:13	0.044	0.1
9:14	0.064	0.1
9:15	0.068	0.2
9:16	0.052	0.1
9:17	0.05	0.1
9:18	0.08	0.1
9:19	0.047	0.1
9:20	0.042	0.1
9:21	0.058	0.1
9:22	0.036	0.1
9:23	0.054	0.1
9:24	0.057	0.1
9:25	0.033	0.1
9:26	0.043	0.1
9:27	0.055	0.1
9:28	0.029	0.1
9:29	0.03	0.1
9:30	0.028	0.1
9:31	0.025	0.1
9:32	0.026	0.1
9:33	0.031	0.1
9:34	0.03	0.1
9:35	0.032	0.1
9:36	0.027	0.1
9:37	0.054	0.1
9:38	0.039	0.1
9:39	0.041	0.1
9:40	0.064	0.1
9:41	0.029	0.1
9:42	0.028	0.1
9:43	0.026	0.1
9:44	0.026	0.1
9:45	0.029	0.2

9:46	0.031	0.1
9:47	0.025	0.1
9:48	0.026	0.1
9:49	0.026	0.1
9:50	0.024	0.1
9:51	0.027	0.1
9:52	0.027	0.2
9:53	0.037	0.1
9:54	0.027	0.1
9:55	0.028	0.1
9:56	0.03	0.1
9:57	0.033	0.1
9:58	0.027	0.1
9:59	0.028	0.1
10:00	0.029	0.1
10:01	0.024	0.1
10:02	0.025	0.1
10:03	0.025	0.2
10:04	0.029	0.1
10:05	0.023	0.1
10:06	0.022	0.2
10:07	0.023	0.1
10:08	0.021	0.1
10:09	0.021	0.2
10:10	0.021	0.5
10:11	0.021	0.2
10:12	0.023	0.3
10:13	0.021	0.1
10:14	0.021	0.2
10:15	0.021	0.7
10:16	0.022	0.1
10:17	0.022	0.2
10:18	0.022	0.1
10:19	0.023	0.1
10:20	0.023	0.2
10:21	0.022	0.1
10:22	0.022	0.2
10:23	0.024	0.2
10:24	0.023	0.1
10:25	0.022	0.2
10:26	0.022	0.2
10:27	0.021	0.9
10:28	0.022	0.2
10:29	0.022	0.1
10:30	0.021	0.3
10:31	0.024	0.3
10:32	0.024	0.1

10:33	0.024	0.5
10:34	0.022	0.3
10:35	0.022	0.1
10:36	0.028	0.1
10:37	0.028	0.1
10:38	0.022	0.2
10:39	0.025	0.1
10:40	0.027	0.1
10:41	0.024	0.1
10:42	0.022	0.2
10:43	0.022	0.1
10:44	0.022	0.1
10:45	0.025	0.1
10:46	0.022	0.3
10:47	0.028	0.1
10:48	0.028	0.1
10:49	0.026	0.1
10:50	0.023	0.1
10:51	0.023	0.1
10:52	0.022	0.1
10:53	0.022	0.1
10:54	0.023	0.1
10:55	0.023	0.1
10:56	0.023	0.1
10:57	0.023	0.1
10:58	0.025	0.1
10:59	0.025	0.1
11:00	0.024	0.1
11:01	0.023	0.1
11:02	0.03	0.1
11:03	0.024	0.1
11:04	0.025	0.1
11:05	0.026	0.1
11:06	0.024	0.1
11:07	0.023	0.1
11:08	0.024	0.4
11:09	0.024	0.1
11:10	0.023	0.1
11:11	0.023	0.1
11:12	0.022	0.1
11:13	0.024	0.1
11:14	0.021	0.1
11:15	0.021	0.1
11:16	0.025	0.1
11:17	0.04	0.1
11:18	0.027	0.1
11:19	0.024	0.1

11:20	0.03	0.1
11:21	0.034	0.1
11:22	0.028	0.1
11:23	0.03	0.1
11:24	0.022	0.1
11:25	0.021	0.1
11:26	0.022	0.1
11:27	0.02	0.1
11:28	0.02	0.1
11:29	0.023	0.1
11:30	0.036	0.1
11:31	0.036	0.2
11:32	0.02	0.1
11:33	0.02	0.1
11:34	0.021	0.2
11:35	0.02	0.1
11:36	0.023	0.1
11:37	0.025	0.1
11:38	0.025	0.2
11:39	0.021	0.1
11:40	0.018	0.1
11:41	0.023	0.1
11:42	0.019	0.2
11:43	0.019	0.1
11:44	0.018	0.1
11:45	0.024	0.1
11:46	0.019	0.1
11:47	0.02	0.1
11:48	0.02	0.2
11:49	0.018	0.1
11:50	0.018	0.1
11:51	0.017	0.1
11:52	0.018	0.1
11:53	0.022	0.1
11:54	0.019	0.1
11:55	0.017	0.1
11:56	0.018	0.1
11:57	0.017	0.1
11:58	0.017	0.3
11:59	0.018	0.1
12:00	0.018	0.1
12:01	0.027	0.2
12:02	0.018	0.3
12:03	0.022	0.1
12:04	0.019	0.1
12:05	0.018	0.1
12:06	0.027	0.1

12:07	0.022	0.1
12:08	0.02	0.1
12:09	0.022	0.1
12:10	0.027	0.1
12:11	0.029	0.1
12:12	0.02	0.1
12:13	0.02	0.1
12:14	0.02	0.1
12:15	0.018	0.1
12:16	0.02	0.1
12:17	0.018	0.1
12:18	0.022	0.1
12:19	0.021	0.1
12:20	0.017	0.2
12:21	0.028	0.3
12:22	0.024	0.1
12:23	0.019	0.1
12:24	0.018	0.1
12:25	0.022	0.1
12:26	0.019	0.1
12:27	0.022	0.1
12:28	0.019	0.1
12:29	0.022	0.2
12:30	0.02	0.7
12:31	0.02	0.3
12:32	0.018	0.6
12:33	0.019	0.1
12:34	0.019	0.1
12:35	0.019	0.1
12:36	0.018	0.1
12:37	0.017	0.1
12:38	0.021	0.1
12:39	0.02	0.1
12:40	0.018	0.1
12:41	0.021	0.2
12:42	0.021	0.4
12:43	0.02	0.1
12:44	0.028	0.1
12:45	0.032	0.1
12:46	0.023	0.1
12:47	0.018	0.1
12:48	0.021	0.1
12:49	0.023	0.1
12:50	0.02	0.1
12:51	0.019	0.1
12:52	0.02	0.1
12:53	0.018	0.1

12:54	0.02	0.1
12:55	0.018	0.1
12:56	0.018	0.1
12:57	0.019	0.1
12:58	0.02	0.1
12:59	0.032	0.1
13:00	0.023	0.1
13:01	0.024	0.1
13:02	0.027	0.1
13:03	0.027	0.1
13:04	0.024	0.1
13:05	0.018	0.1
13:06	0.017	0.2
13:07	0.022	0.1
13:08	0.034	0.2
13:09	0.049	0.1
13:10	0.023	0.2
13:11	0.021	0.1
13:12	0.023	0.1
13:13	0.02	0.1
13:14	0.019	0.2
13:15	0.019	0.2
13:16	0.021	0.2
13:17	0.02	0.3
13:18	0.022	0.3
13:19	0.02	0.2
13:20	0.02	0.2
13:21	0.02	0.1
13:22	0.021	0.2
13:23	0.021	0.1
13:24	0.019	0.1
13:25	0.019	0.1
13:26	0.02	0.4
13:27	0.022	0.2
13:28	0.023	0.1
13:29	0.023	0.2
13:30	0.023	0.2
13:31	0.022	0.2
13:32	0.02	0.2
13:33	0.02	0.2
13:34	0.019	0.1
13:35	0.019	0.1
13:36	0.021	0.2
13:37	0.019	0.2
13:38	0.019	0.2
13:39	0.022	0.4
13:40	0.023	0.2

13:41	0.023	0.1
13:42	0.02	0.2
13:43	0.02	0.2
13:44	0.02	0.2
13:45	0.021	0.2
13:46	0.022	0.2
13:47	0.021	0.2
13:48	0.023	0.2
13:49	0.024	0.2
13:50	0.022	0.2
13:51	0.02	0.3
13:52	0.019	0.3
13:53	0.019	0.3
13:54	0.02	0.4
13:55	0.02	0.3
13:56	0.018	0.3
13:57	0.017	0.2
13:58	0.019	0.2
13:59	0.018	0.3
14:00	0.02	0.3
14:01	0.019	0.3
14:02	0.02	0.2
14:03	0.021	0.4
14:04	0.022	0.3
14:05	0.02	0.3
14:06	0.022	0.2
14:07	0.021	0.2
14:08	0.02	0.1
14:09	0.02	0.2
14:10	0.019	0.2
14:11	0.02	0.2
14:12	0.02	0.2
14:13	0.019	0.2
14:14	0.027	0.2
14:15	0.023	0.1
14:16	0.049	0.2
14:17	0.019	0.2
14:18	0.019	0.3
14:19	0.017	0.2
14:20	0.018	0.3
14:21	0.018	0.3
14:22	0.019	0.3
14:23	0.016	0.3
14:24	0.017	0.3
14:25	0.017	0.3
14:26	0.018	0.2
14:27	0.019	0.2

14:28	0.018	0.3
14:29	0.016	0.2
14:30	0.017	0.2
14:31	0.016	0.1
14:32	0.015	0.2
14:33	0.018	0.3
14:34	0.016	0.2
14:35	0.016	0.5
14:36	0.016	0.2
14:37	0.017	0.2
14:38	0.016	0.4
14:39	0.016	0.3
14:40	0.016	0.2
14:41	0.017	0.3
14:42	0.018	0.2
14:43	0.017	0.7
14:44	0.016	0.2
14:45	0.016	0.4
14:46	0.016	0.2
14:47	0.016	0.2
14:48	0.017	0.5
14:49	0.016	0.4
14:50	0.016	0.2
14:51	0.016	0.2
14:52	0.016	0.2
14:53	0.019	0.2
14:54	0.016	0.1
14:55	0.015	0.2
14:56	0.014	0.2
14:57	0.014	0.2
14:58	0.015	0.1
14:59	0.016	0.1
15:00	0.018	0.3
15:01	0.018	0.2
15:02	0.016	0.2
15:03	0.015	0.2
15:04	0.016	0.2
15:05	0.016	0.3
15:06	0.015	0.2
15:07	0.015	0.1
15:08	0.015	0.2
15:09	0.015	0.2
15:10	0.014	0.3
15:11	0.014	0.1
15:12	0.014	0.1
15:13	0.015	0.2
15:14	0.016	0.3

15:15	0.016	0.1
15:16	0.016	0.1
15:17	0.016	0.3
15:18	0.014	0.2
15:19	0.014	0.3
15:20	0.014	0.1
15:21	0.015	0.3
15:22	0.015	0.4
15:23	0.015	0.2
15:24	0.015	0.1
15:25	0.016	0.2
15:26	0.015	0.1
15:27	0.015	0.4
15:28	0.016	1.1
15:29	0.015	0.4
15:30	0.014	0.3
15:31	0.015	0.2
15:32	0.015	0.3
15:33	0.016	0.3
15:34	0.014	0.3
15:35	0.014	0.1
15:36	0.016	0.1
15:37	0.015	0.4
15:38	0.016	0.5
15:39	0.015	0.2
15:40	0.015	0.3
15:41	0.016	0.5
15:42	0.015	1.4
15:43	0.015	0.2
15:44	0.016	0.6
15:45	0.015	0.4
15:46	0.014	0.2
15:47	0.015	0
15:48	0.015	0
15:49	0.016	0
15:50	0.017	0.1
15:51	0.017	0
15:52	0.016	0
15:53	0.016	0.1
15:54	0.016	1.3
15:55	0.014	0.7
15:56	0.014	0
15:57	0.014	0
15:58	0.015	0.2
15:59	0.016	0
16:00	0.016	0
16:01	0.017	0

16:02	0.019	0.3
16:03	0.018	0
16:04	0.017	0
16:05	0.015	0
16:06	0.015	0
16:07	0.015	0
16:08	0.013	0
16:09	0.014	0
16:10	0.013	0
16:11	0.014	0
16:12	0.015	0
16:13	0.015	0
16:14	0.015	0
16:15	0.014	0
16:16	0.013	0
16:17	0.013	0
16:18	0.015	0
16:19	0.013	0
16:20	0.012	0
16:21	0.013	0