

**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	NNE – 4 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	1/27/23
Project:	585 Union Street, Brooklyn, NY				

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 07:00

Time Out: 16:15

Personnel On Site:

IEEG (Environmental) –Thomas Jensen
Broadway Construction Group, Shannon Dowling
Raptor – Foundation Contractor
ABC Repair and Lining Inc. – UST and Hydraulic lift Cleanout and Removal Contractor
ECD, NY– Dill drilling contractors

Equipment On Site:

Cat325C, Cat 311C, MC15 Pile Rig, MC22 Pile Rig, Minirae 3000 PID,
DustTrak II, Bauer BG 36 H

Scope of Work:

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

Site Activities:

- Six (6) concrete trucks throughout the day came on Site to grout structural piles;
- Structural piles being installed; and
- Whalers being welded on the northeast portion of the site.

Community Air Monitoring Program (CAMP)

- PID remained at nominal levels throughout the day.
- No sustained dust exceedances were observed over a 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.0__ ppm, Dust = __0.043__ mg/m³ @ 7:03
- High Conditions (Downwind) – PID = __0.0__ ppm, Dust = __0.090 mg/m³ @ 10:59
- High Conditions (Upwind) – PID = __0.0__ ppm, Dust = __0.043 mg/m³ @ 7:03

*CAMP unit was moved further south throughout the day as whalers were being installed (welded) to prevent irregular readings.

Notable Site Conditions:

- See Site Activities.

Planned Activities for the Next Day:

- Continuation of installation of structural piles;
- Continuation of lagging across the site;
- Continuation of welding rakers;
- Loadout of material from the 6-9' interval for offsite disposal at Bayshore of Keasbey, NJ;
- Prepare trucking pad for new stone; and
- Saturday Site Work (1/28/23): Organize site for following weeks work.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –
Representative
view of
prestart
conditions on
site.



Photo 2 –
Representative
photo of
structural piles
being installed
and grouted.



Photo 3 –
Representative
view of
whalers being
installed.



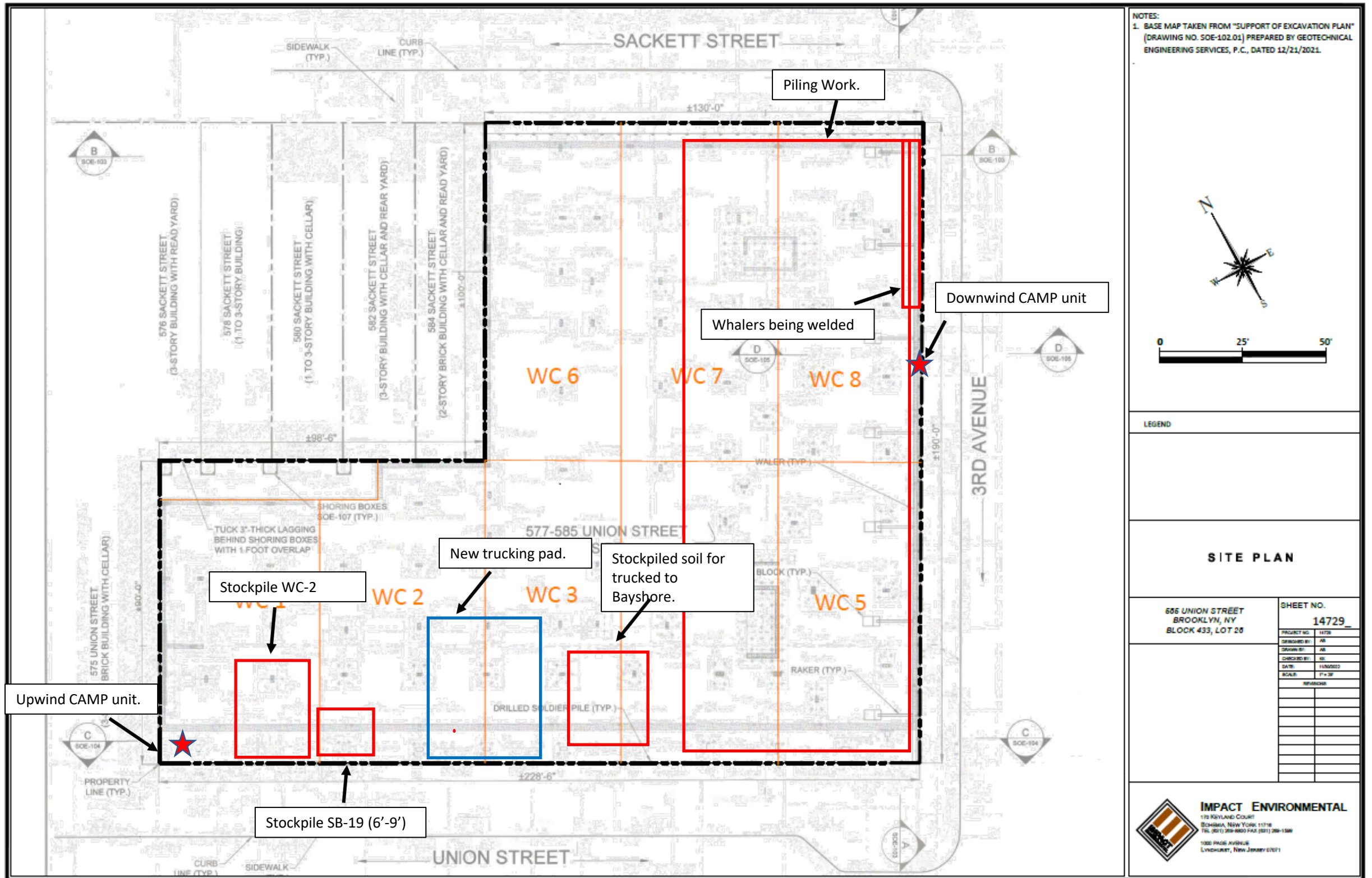
Photo 4–
Representative
view of
concrete truck
being sprayed
down on track
pad prior to
exiting the
Site.



SITE PLAN

585 Union Street, Brooklyn,
NY





UPWIND CAMP READINGS

585 Union Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530123704
Firmware Version	3.1
Calibration Date	6/13/2022
Test Name	MANUAL_007
Test Start Time	7:03:02 AM
Test Start Date	1/27/2023
Test Length [D:H:M]	0:09:02
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.025
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	542

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:02				
7:03	0.043	0.0		Flow Error
7:04	0.041	0.0		
7:05	0.026	0.0		
7:06	0.026	0.0		
7:07	0.026	0.0		
7:08	0.026	0.0		
7:09	0.027	0.0		
7:10	0.027	0.0		
7:11	0.027	0.0		
7:12	0.027	0.0		
7:13	0.027	0.0		
7:14	0.027	0.0		
7:15	0.027	0.0		
7:16	0.027	0.0		
7:17	0.027	0.0		
7:18	0.027	0.0		
7:19	0.027	0.0		
7:20	0.027	0.0		
7:21	0.027	0.0		
7:22	0.027	0.0		
7:23	0.027	0.0		
7:24	0.027	0.0		
7:25	0.027	0.0		
7:26	0.028	0.0		
7:27	0.034	0.0		
7:28	0.032	0.0		

7:29	0.033	0.0
7:30	0.03	0.0
7:31	0.031	0.0
7:32	0.041	0.0
7:33	0.032	0.0
7:34	0.03	0.0
7:35	0.03	0.0
7:36	0.03	0.0
7:37	0.031	0.0
7:38	0.032	0.0
7:39	0.032	0.0
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7:41	0.033	0.0
7:42	0.033	0.0
7:43	0.033	0.0
7:44	0.033	0.0
7:45	0.032	0.0
7:46	0.032	0.0
7:47	0.03	0.0
7:48	0.028	0.0
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7:56	0.025	0.0
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7:58	0.025	0.0
7:59	0.025	0.0
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15:57	0.019	0.0
15:58	0.019	0.0
15:59	0.019	0.0
16:00	0.021	0.0
16:01	0.021	0.0
16:02	0.02	0.0
16:03	0.019	0.0
16:04	0.019	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_007
Test Start Time	7:09:11 AM
Test Start Date	1/27/2023
Test Length [D:H:M]	0:08:52
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.026
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.09
Mass TWA [mg/m3]	0.056
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	532

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:08				
7:09	0.04		0.0	
7:10	0.029		0.0	
7:11	0.026		0.0	
7:12	0.025		0.0	
7:13	0.024		0.0	
7:14	0.025		0.0	
7:15	0.028		0.0	
7:16	0.025		0.0	
7:17	0.027		0.0	
7:18	0.025		0.0	
7:19	0.024		0.0	
7:20	0.026		0.0	
7:21	0.039		0.0	
7:22	0.029		0.0	
7:23	0.026		0.0	
7:24	0.027		0.0	
7:25	0.027		0.0	
7:26	0.032		0.0	
7:27	0.031		0.0	
7:28	0.032		0.0	
7:29	0.032		0.0	
7:30	0.033		0.0	
7:31	0.04		0.0	
7:32	0.038		0.0	
7:33	0.038		0.0	
7:34	0.031		0.0	

7:35	0.03	0.0
7:36	0.031	0.0
7:37	0.036	0.0
7:38	0.032	0.0
7:39	0.033	0.0
7:40	0.032	0.0
7:41	0.032	0.0
7:42	0.033	0.0
7:43	0.035	0.0
7:44	0.032	0.0
7:45	0.031	0.0
7:46	0.03	0.0
7:47	0.029	0.0
7:48	0.028	0.0
7:49	0.03	0.0
7:50	0.032	0.0
7:51	0.029	0.0
7:52	0.029	0.0
7:53	0.046	0.0
7:54	0.029	0.0
7:55	0.028	0.0
7:56	0.028	0.0
7:57	0.028	0.0
7:58	0.029	0.0
7:59	0.028	0.0
8:00	0.027	0.0
8:01	0.035	0.0
8:02	0.03	0.0
8:03	0.028	0.0
8:04	0.028	0.0
8:05	0.028	0.0
8:06	0.028	0.0
8:07	0.029	0.0
8:08	0.028	0.0
8:09	0.03	0.0
8:10	0.03	0.0
8:11	0.029	0.0
8:12	0.031	0.0
8:13	0.033	0.0
8:14	0.032	0.0
8:15	0.032	0.0
8:16	0.033	0.0
8:17	0.032	0.0
8:18	0.031	0.0
8:19	0.032	0.0
8:20	0.032	0.0
8:21	0.033	0.0

8:22	0.033	0.0
8:23	0.032	0.0
8:24	0.033	0.0
8:25	0.034	0.0
8:26	0.034	0.0
8:27	0.034	0.0
8:28	0.034	0.0
8:29	0.035	0.0
8:30	0.033	0.0
8:31	0.033	0.0
8:32	0.032	0.0
8:33	0.031	0.0
8:34	0.032	0.0
8:35	0.032	0.0
8:36	0.032	0.0
8:37	0.032	0.0
8:38	0.033	0.0
8:39	0.032	0.0
8:40	0.033	0.0
8:41	0.032	0.0
8:42	0.031	0.0
8:43	0.032	0.0
8:44	0.032	0.0
8:45	0.03	0.0
8:46	0.031	0.0
8:47	0.034	0.0
8:48	0.03	0.0
8:49	0.035	0.0
8:50	0.014	0.0
8:51	0.059	0.0
8:52	0.032	0.0
8:53	0.031	0.0
8:54	0.035	0.0
8:55	0.036	0.0
8:56	0.031	0.0
8:57	0.029	0.0
8:58	0.03	0.0
8:59	0.033	0.0
9:00	0.037	0.0
9:01	0.049	0.0
9:02	0.036	0.0
9:03	0.029	0.0
9:04	0.03	0.0
9:05	0.031	0.0
9:06	0.029	0.0
9:07	0.029	0.0
9:08	0.029	0.0

9:09	0.029	0.0
9:10	0.037	0.0
9:11	0.033	0.0
9:12	0.032	0.0
9:13	0.029	0.0
9:14	0.031	0.0
9:15	0.033	0.0
9:16	0.033	0.0
9:17	0.03	0.0
9:18	0.033	0.0
9:19	0.037	0.0
9:20	0.043	0.0
9:21	0.045	0.0
9:22	0.04	0.0
9:23	0.03	0.0
9:24	0.029	0.0
9:25	0.031	0.0
9:26	0.015	0.0
9:27	0.057	0.0
9:28	0.056	0.0
9:29	0.034	0.0
9:30	0.033	0.0
9:31	0.036	0.0
9:32	0.033	0.0
9:33	0.033	0.0
9:34	0.029	0.0
9:35	0.036	0.0
9:36	0.033	0.0
9:37	0.039	0.0
9:38	0.029	0.0
9:39	0.03	0.0
9:40	0.03	0.0
9:41	0.029	0.0
9:42	0.028	0.0
9:43	0.044	0.0
9:44	0.031	0.0
9:45	0.026	0.0
9:46	0.011	0.0
9:47	0.012	0.0
9:48	0.077	0.0
9:49	0.024	0.0
9:50	0.034	0.0
9:51	0.03	0.0
9:52	0.069	0.0
9:53	0.019	0.0
9:54	0.046	0.0
9:55	0.032	0.0

9:56	0.034	0.0
9:57	0.031	0.0
9:58	0.031	0.0
9:59	0.028	0.0
10:00	0.024	0.0
10:01	0.026	0.0
10:02	0.025	0.0
10:03	0.023	0.0
10:04	0.023	0.0
10:05	0.023	0.0
10:06	0.024	0.0
10:07	0.025	0.0
10:08	0.022	0.0
10:09	0.023	0.0
10:10	0.025	0.0
10:11	0.026	0.0
10:12	0.022	0.0
10:13	0.02	0.0
10:14	0.02	0.0
10:15	0.023	0.0
10:16	0.019	0.0
10:17	0.019	0.0
10:18	0.019	0.0
10:19	0.019	0.0
10:20	0.02	0.0
10:21	0.021	0.0
10:22	0.019	0.0
10:23	0.02	0.0
10:24	0.02	0.0
10:25	0.021	0.0
10:26	0.019	0.0
10:27	0.017	0.0
10:28	0.019	0.0
10:29	0.017	0.0
10:30	0.016	0.0
10:31	0.015	0.0
10:32	0.012	0.0
10:33	0.053	0.0
10:34	0.027	0.0
10:35	0.05	0.0
10:36	0.044	0.0
10:37	0.05	0.0
10:38	0.02	0.0
10:39	0.017	0.0
10:40	0.02	0.0
10:41	0.021	0.0
10:42	0.023	0.0

10:43	0.027	0.0
10:44	0.026	0.0
10:45	0.037	0.0
10:46	0.027	0.0
10:47	0.019	0.0
10:48	0.015	0.0
10:49	0.015	0.0
10:50	0.018	0.0
10:51	0.019	0.0
10:52	0.019	0.0
10:53	0.019	0.0
10:54	0.026	0.0
10:55	0.015	0.0
10:56	0.018	0.0
10:57	0.018	0.0
10:58	0.019	0.0
10:59	0.09	0.0
11:00	0.026	0.0
11:01	0.017	0.0
11:02	0.018	0.0
11:03	0.022	0.0
11:04	0.02	0.0
11:05	0.018	0.0
11:06	0.021	0.0
11:07	0.018	0.0
11:08	0.018	0.0
11:09	0.017	0.0
11:10	0.017	0.0
11:11	0.017	0.0
11:12	0.017	0.0
11:13	0.019	0.0
11:14	0.02	0.0
11:15	0.02	0.0
11:16	0.02	0.0
11:17	0.02	0.0
11:18	0.022	0.0
11:19	0.021	0.0
11:20	0.023	0.0
11:21	0.027	0.0
11:22	0.029	0.0
11:23	0.023	0.0
11:24	0.026	0.0
11:25	0.025	0.0
11:26	0.011	0.0
11:27	0.049	0.0
11:28	0.036	0.0
11:29	0.035	0.0

11:30	0.043	0.0
11:31	0.029	0.0
11:32	0.066	0.0
11:33	0.031	0.0
11:34	0.03	0.0
11:35	0.029	0.0
11:36	0.033	0.0
11:37	0.033	0.0
11:38	0.03	0.0
11:39	0.031	0.0
11:40	0.089	0.0
11:41	0.046	0.0
11:42	0.013	0.0
11:43	0.018	0.0
11:44	0.013	0.0
11:45	0.019	0.0
11:46	0.016	0.0
11:47	0.015	0.0
11:48	0.036	0.0
11:49	0.037	0.0
11:50	0.033	0.0
11:51	0.055	0.0
11:52	0.031	0.0
11:53	0.022	0.0
11:54	0.028	0.0
11:55	0.061	0.0
11:56	0.06	0.0
11:57	0.049	0.0
11:58	0.013	0.0
11:59	0.04	0.0
12:00	0.025	0.0
12:01	0.011	0.0
12:02	0.049	0.0
12:03	0.036	0.0
12:04	0.035	0.0
12:05	0.043	0.0
12:06	0.029	0.0
12:07	0.066	0.0
12:08	0.031	0.0
12:09	0.03	0.0
12:10	0.029	0.0
12:11	0.033	0.0
12:12	0.033	0.0
12:13	0.03	0.0
12:14	0.031	0.0
12:15	0.089	0.0
12:16	0.046	0.0

12:17	0.013	0.0
12:18	0.025	0.0
12:19	0.011	0.0
12:20	0.049	0.0
12:21	0.036	0.0
12:22	0.035	0.0
12:23	0.043	0.0
12:24	0.029	0.0
12:25	0.066	0.0
12:26	0.031	0.0
12:27	0.03	0.0
12:28	0.029	0.0
12:29	0.033	0.0
12:30	0.033	0.0
12:31	0.03	0.0
12:32	0.031	0.0
12:33	0.089	0.0
12:34	0.046	0.0
12:35	0.013	0.0
12:36	0.018	0.0
12:37	0.013	0.0
12:38	0.019	0.0
12:39	0.09	0.0
12:40	0.051	0.0
12:41	0.025	0.0
12:42	0.011	0.0
12:43	0.049	0.0
12:44	0.036	0.0
12:45	0.035	0.0
12:46	0.043	0.0
12:47	0.029	0.0
12:48	0.066	0.0
12:49	0.031	0.0
12:50	0.03	0.0
12:51	0.029	0.0
12:52	0.033	0.0
12:53	0.033	0.0
12:54	0.03	0.0
12:55	0.031	0.0
12:56	0.089	0.0
12:57	0.046	0.0
12:58	0.013	0.0
12:59	0.018	0.0
13:00	0.013	0.0
13:01	0.019	0.0
13:02	0.024	0.0
13:03	0.026	0.0

13:04	0.025	0.0
13:05	0.023	0.0
13:06	0.025	0.0
13:07	0.022	0.0
13:08	0.021	0.0
13:09	0.023	0.0
13:10	0.022	0.0
13:11	0.022	0.0
13:12	0.023	0.0
13:13	0.024	0.0
13:14	0.025	0.0
13:15	0.022	0.0
13:16	0.022	0.0
13:17	0.021	0.0
13:18	0.022	0.0
13:19	0.023	0.0
13:20	0.023	0.0
13:21	0.024	0.0
13:22	0.024	0.0
13:23	0.024	0.0
13:24	0.023	0.0
13:25	0.026	0.0
13:26	0.028	0.0
13:27	0.022	0.0
13:28	0.022	0.0
13:29	0.023	0.0
13:30	0.022	0.0
13:31	0.031	0.0
13:32	0.02	0.0
13:33	0.03	0.0
13:34	0.027	0.0
13:35	0.027	0.0
13:36	0.011	0.0
13:37	0.039	0.0
13:38	0.028	0.0
13:39	0.037	0.0
13:40	0.077	0.0
13:41	0.021	0.0
13:42	0.065	0.0
13:43	0.055	0.0
13:44	0.019	0.0
13:45	0.019	0.0
13:46	0.026	0.0
13:47	0.056	0.0
13:48	0.028	0.0
13:49	0.021	0.0
13:50	0.021	0.0

13:51	0.02	0.0
13:52	0.064	0.0
13:53	0.049	0.0
13:54	0.027	0.0
13:55	0.023	0.0
13:56	0.024	0.0
13:57	0.02	0.0
13:58	0.035	0.0
13:59	0.02	0.0
14:00	0.021	0.0
14:01	0.074	0.0
14:02	0.019	0.0
14:03	0.02	0.0
14:04	0.02	0.0
14:05	0.021	0.0
14:06	0.054	0.0
14:07	0.033	0.0
14:08	0.023	0.0
14:09	0.028	0.0
14:10	0.03	0.0
14:11	0.019	0.0
14:12	0.02	0.0
14:13	0.066	0.0
14:14	0.019	0.0
14:15	0.072	0.0
14:16	0.016	0.0
14:17	0.03	0.0
14:18	0.018	0.0
14:19	0.017	0.0
14:20	0.027	0.0
14:21	0.023	0.0
14:22	0.024	0.0
14:23	0.02	0.0
14:24	0.035	0.0
14:25	0.02	0.0
14:26	0.021	0.0
14:27	0.074	0.0
14:28	0.019	0.0
14:29	0.02	0.0
14:30	0.02	0.0
14:31	0.021	0.0
14:32	0.054	0.0
14:33	0.033	0.0
14:34	0.023	0.0
14:35	0.028	0.0
14:36	0.03	0.0
14:37	0.019	0.0

14:38	0.022	0.0
14:39	0.024	0.0
14:40	0.032	0.0
14:41	0.03	0.0
14:42	0.027	0.0
14:43	0.024	0.0
14:44	0.023	0.0
14:45	0.026	0.0
14:46	0.038	0.0
14:47	0.039	0.0
14:48	0.023	0.0
14:49	0.022	0.0
14:50	0.023	0.0
14:51	0.02	0.0
14:52	0.024	0.0
14:53	0.028	0.0
14:54	0.042	0.0
14:55	0.028	0.0
14:56	0.026	0.0
14:57	0.029	0.0
14:58	0.026	0.0
14:59	0.023	0.0
15:00	0.042	0.0
15:01	0.028	0.0
15:02	0.021	0.0
15:03	0.029	0.0
15:04	0.028	0.0
15:05	0.02	0.0
15:06	0.021	0.0
15:07	0.029	0.0
15:08	0.021	0.0
15:09	0.022	0.0
15:10	0.025	0.0
15:11	0.032	0.0
15:12	0.025	0.0
15:13	0.027	0.0
15:14	0.035	0.0
15:15	0.032	0.0
15:16	0.022	0.0
15:17	0.026	0.0
15:18	0.023	0.0
15:19	0.019	0.0
15:20	0.021	0.0
15:21	0.022	0.0
15:22	0.025	0.0
15:23	0.018	0.0
15:24	0.045	0.0

15:25	0.033	0.0
15:26	0.036	0.0
15:27	0.028	0.0
15:28	0.022	0.0
15:29	0.024	0.0
15:30	0.026	0.0
15:31	0.027	0.0
15:32	0.023	0.0
15:33	0.024	0.0
15:34	0.02	0.0
15:35	0.035	0.0
15:36	0.02	0.0
15:37	0.021	0.0
15:38	0.074	0.0
15:39	0.019	0.0
15:40	0.02	0.0
15:41	0.02	0.0
15:42	0.021	0.0
15:43	0.054	0.0
15:44	0.033	0.0
15:45	0.023	0.0
15:46	0.028	0.0
15:47	0.03	0.0
15:48	0.019	0.0
15:49	0.027	0.0
15:50	0.028	0.0
15:51	0.026	0.0
15:52	0.033	0.0
15:53	0.054	0.0
15:54	0.027	0.0
15:55	0.027	0.0
15:56	0.028	0.0
15:57	0.037	0.0
15:58	0.023	0.0
15:59	0.023	0.0
16:00	0.024	0.0