

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

Thomas Jensen

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun		Wind
TEMP.	< 32		32-50		50-70		70-85	X	>85		SW – 9 mph

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

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 07:00

Time Out: 18:15

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;
- Laying STEGO wrap around piles in WC-6;
- Forming pile caps in WC-6; and
- Forming work for foundation wall in WC-4 and WC-5.

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;
- Prestart Upwind Conditions – PID = _0.1_ ppm, Dust = _0.045_ mg/m³ @ 07:02
- High Conditions (Upwind) – PID = _0.2_ ppm @07:12, Dust = _0.080_ mg/m³ @ 11:59
- High Conditions (Downwind) – PID = _0.0_ ppm Dust = _0.052_ mg/m³ @ 07:46
- *Note that upwind CAMP unit had a flow error at 15:25 through 15:36.

Notable Site Conditions:

- See Site Activities.

Planned for the Next Day:

- Continued rebar and pile work;
- Continuation of endpoint sampling;
- Pouring foundation walls in WC-4 and WC-5;
- Continuation of bringing in approved backfill; and
- Continued dewatering.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –

Representative photo of forming pile caps in WC-6.



Photo 2 –

Representative photo of workers laying STEGO wrap in WC-6.



Photo 3 -

Representative photo of rebar work in WC-6.



Photo 4 -

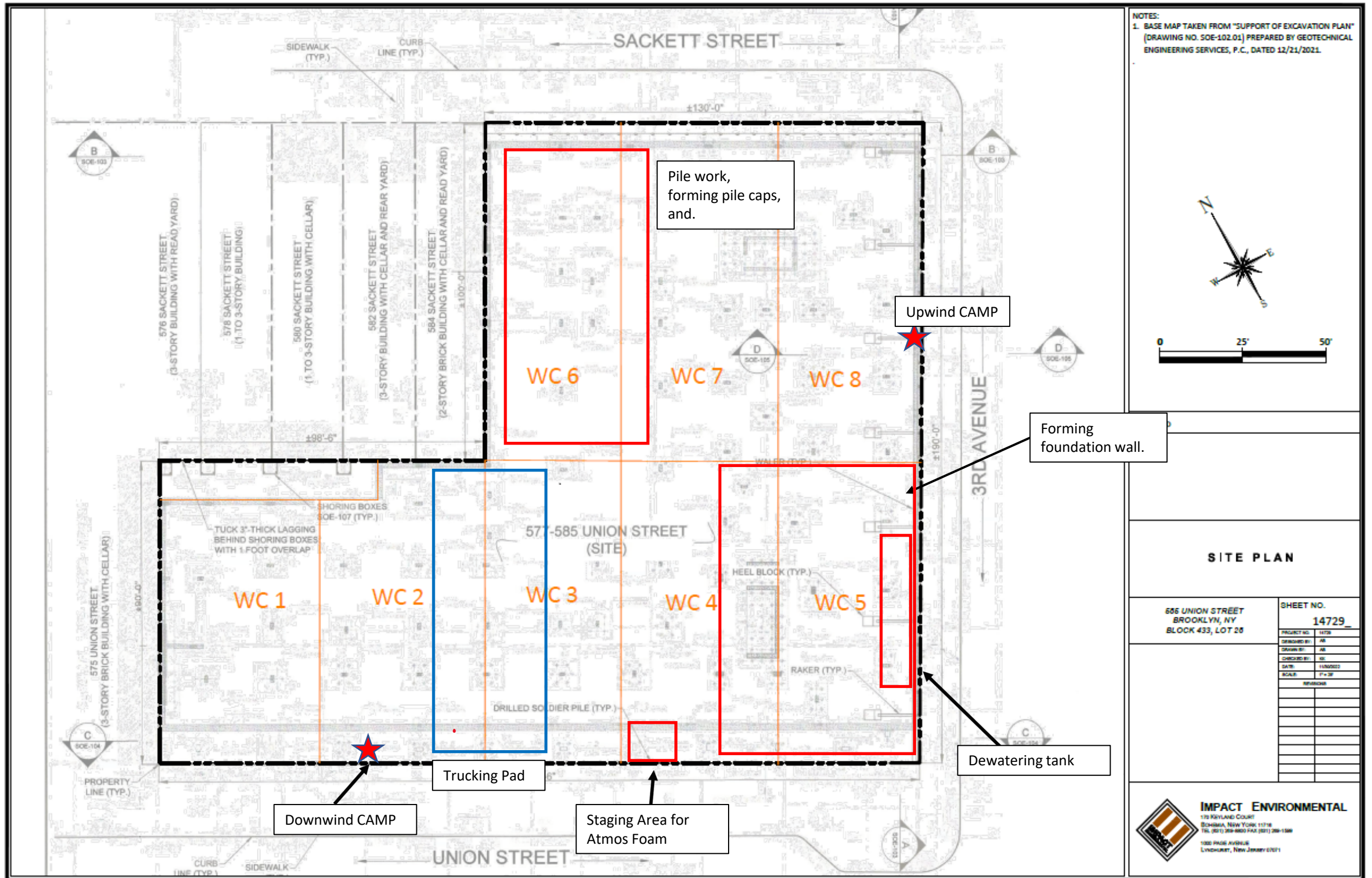
Representative photo of work on the foundation wall in WC-4 and WC-5.



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_004
Test Start Time	7:02:28 AM
Test Start Date	5/23/2023
Test Length [D:H:M]	0:10:35
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.03
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.08
Mass TWA [mg/m3]	0.031
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	615

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:02	0.045	0.1		
7:03	0.036	0.1		
7:04	0.03	0.1		
7:05	0.03	0.1		
7:06	0.03	0.1		
7:07	0.031	0.1		
7:08	0.032	0.1		
7:09	0.032	0.1		
7:10	0.03	0.1		
7:11	0.033	0.1		
7:12	0.031	0.2		
7:13	0.03	0.1		
7:14	0.031	0.1		
7:15	0.032	0.1		
7:16	0.032	0.1		
7:17	0.03	0.2		
7:18	0.031	0.1		
7:19	0.031	0.1		
7:20	0.031	0.1		
7:21	0.031	0.1		
7:22	0.029	0.1		
7:23	0.03	0.1		
7:24	0.03	0.2		
7:25	0.032	0.1		
7:26	0.036	0.1		
7:27	0.032	0.1		
7:28	0.033	0.1		

7:29	0.031	0.1
7:30	0.031	0.1
7:31	0.037	0.1
7:32	0.038	0.1
7:33	0.031	0.2
7:34	0.03	0.1
7:35	0.03	0.1
7:36	0.031	0.1
7:37	0.032	0.1
7:38	0.031	0.1
7:39	0.031	0.1
7:40	0.031	0.2
7:41	0.031	0.1
7:42	0.032	0.1
7:43	0.032	0.1
7:44	0.031	0.1
7:45	0.03	0.1
7:46	0.03	0.2
7:47	0.03	0.1
7:48	0.03	0.2
7:49	0.03	0.1
7:50	0.031	0.2
7:51	0.031	0.2
7:52	0.03	0.2
7:53	0.031	0.2
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7:58	0.031	0.2
7:59	0.031	0.2
8:00	0.031	0.2
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8:09	0.032	0.2
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8:12	0.032	0.2
8:13	0.035	0.2
8:14	0.034	0.2
8:15	0.032	0.2

8:16	0.031	0.2
8:17	0.032	0.2
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8:59	0.038	0.2
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13:47	0.024	0.1
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13:55	0.026	0.2
13:56	0.026	0.1
13:57	0.025	0.1
13:58	0.025	0.1
13:59	0.026	0.1
14:00	0.027	0.1
14:01	0.029	0.1
14:02	0.028	0.1
14:03	0.025	0.1
14:04	0.029	0.1
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15:05	0.021	0.1
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15:07	0.021	0.1
15:08	0.02	0.1
15:09	0.02	0.1
15:10	0.02	0.1
15:11	0.021	0.1
15:12	0.021	0.1
15:13	0.021	0.1
15:14	0.02	0.1
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15:21	0.02	0.1	
15:22	0.02	0.1	
15:23	0.029	0.1	
15:24	0.023	0.1	
15:25	0.023	0.1	Flow Error
15:26	0.028	0.1	Flow Error
15:27	0.02	0.1	Flow Error
15:28	0.022	0.1	Flow Error
15:29	0.018	0.1	Flow Error
15:30	0.015	0.1	Flow Error
15:31	0.011	0.1	Flow Error
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15:36	0.014	0.1	Flow Error
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16:02	0.024	0.1	
16:03	0.025	0.1	
16:04	0.03	0.1	
16:05	0.024	0.1	

16:06	0.027	0.1
16:07	0.025	0.1
16:08	0.026	0.1
16:09	0.026	0.1
16:10	0.025	0.1
16:11	0.028	0.1
16:12	0.03	0.1
16:13	0.026	0.1
16:14	0.024	0.1
16:15	0.024	0.1
16:16	0.025	0.1
16:17	0.024	0.1
16:18	0.025	0.1
16:19	0.03	0.1
16:20	0.024	0.1
16:21	0.024	0.1
16:22	0.027	0.1
16:23	0.025	0.1
16:24	0.026	0.1
16:25	0.026	0.1
16:26	0.025	0.1
16:27	0.028	0.1
16:28	0.03	0.1
16:29	0.026	0.1
16:30	0.024	0.1
16:31	0.024	0.1
16:32	0.025	0.1
16:33	0.024	0.1
16:34	0.025	0.1
16:35	0.027	0.1
16:36	0.025	0.1
16:37	0.026	0.1
16:38	0.026	0.1
16:39	0.025	0.1
16:40	0.028	0.1
16:41	0.03	0.1
16:42	0.026	0.1
16:43	0.024	0.1
16:44	0.024	0.1
16:45	0.025	0.1
16:46	0.024	0.1
16:47	0.025	0.1
16:48	0.03	0.1
16:49	0.024	0.1
16:50	0.024	0.1
16:51	0.026	0.1
16:52	0.025	0.1

16:53	0.028	0.1
16:54	0.03	0.1
16:55	0.026	0.1
16:56	0.024	0.1
16:57	0.024	0.1
16:58	0.025	0.1
16:59	0.024	0.1
17:00	0.025	0.1
17:01	0.03	0.1
17:02	0.027	0.1
17:03	0.025	0.1
17:04	0.026	0.1
17:05	0.026	0.1
17:06	0.025	0.1
17:07	0.028	0.1
17:08	0.03	0.1
17:09	0.026	0.1
17:10	0.024	0.1
17:11	0.024	0.1
17:12	0.025	0.1
17:13	0.024	0.1
17:14	0.025	0.1
17:15	0.03	0.1
17:16	0.026	0.1
17:17	0.025	0.1
17:18	0.028	0.1
17:19	0.03	0.1
17:20	0.026	0.1
17:21	0.024	0.1
17:22	0.024	0.1
17:23	0.025	0.1
17:24	0.024	0.1
17:25	0.025	0.1
17:26	0.03	0.1
17:27	0.027	0.1
17:28	0.025	0.1
17:29	0.026	0.1
17:30	0.026	0
17:31	0.025	0
17:32	0.028	0
17:33	0.03	0
17:34	0.026	0
17:35	0.024	0
17:36	0.024	0
17:37	0.025	0
17:38	0.024	0
17:39	0.025	0

17:40	0.03	0
17:41	0.024	0
17:42	0.027	0
17:43	0.022	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_010
Test Start Time	6:57:34 AM
Test Start Date	5/23/2023
Test Length [D:H:M]	0:10:48
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.052
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	648

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:57	0.033	0		
6:58	0.026	0		
6:59	0.025	0		
7:00	0.024	0		
7:01	0.024	0		
7:02	0.023	0		
7:03	0.022	0		
7:04	0.022	0		
7:05	0.023	0		
7:06	0.023	0		
7:07	0.022	0		
7:08	0.022	0		
7:09	0.023	0		
7:10	0.023	0		
7:11	0.022	0		
7:12	0.022	0		
7:13	0.023	0		
7:14	0.022	0		
7:15	0.028	0		
7:16	0.024	0		
7:17	0.025	0		
7:18	0.024	0		
7:19	0.023	0		
7:20	0.022	0		
7:21	0.023	0		
7:22	0.023	0		
7:23	0.023	0		

7:24	0.022	0
7:25	0.023	0
7:26	0.023	0
7:27	0.03	0
7:28	0.024	0
7:29	0.023	0
7:30	0.026	0
7:31	0.023	0
7:32	0.025	0
7:33	0.021	0
7:34	0.022	0
7:35	0.022	0
7:36	0.027	0
7:37	0.026	0
7:38	0.035	0
7:39	0.036	0
7:40	0.031	0
7:41	0.023	0
7:42	0.024	0
7:43	0.034	0
7:44	0.032	0
7:45	0.024	0
7:46	0.052	0
7:47	0.03	0
7:48	0.023	0
7:49	0.026	0
7:50	0.033	0
7:51	0.028	0
7:52	0.022	0
7:53	0.022	0
7:54	0.023	0
7:55	0.025	0
7:56	0.027	0
7:57	0.031	0
7:58	0.033	0
7:59	0.023	0
8:00	0.023	0
8:01	0.023	0
8:02	0.025	0
8:03	0.025	0
8:04	0.023	0
8:05	0.024	0
8:06	0.024	0
8:07	0.023	0
8:08	0.023	0
8:09	0.022	0
8:10	0.024	0

8:11	0.023	0
8:12	0.022	0
8:13	0.022	0
8:14	0.023	0
8:15	0.033	0
8:16	0.024	0
8:17	0.025	0
8:18	0.03	0
8:19	0.025	0
8:20	0.024	0
8:21	0.023	0
8:22	0.027	0
8:23	0.033	0
8:24	0.03	0
8:25	0.028	0
8:26	0.025	0
8:27	0.027	0
8:28	0.024	0
8:29	0.026	0
8:30	0.026	0
8:31	0.028	0
8:32	0.027	0
8:33	0.025	0
8:34	0.041	0
8:35	0.03	0
8:36	0.025	0
8:37	0.025	0
8:38	0.027	0
8:39	0.024	0
8:40	0.025	0
8:41	0.029	0
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8:43	0.025	0
8:44	0.026	0
8:45	0.026	0
8:46	0.026	0
8:47	0.034	0
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8:49	0.022	0
8:50	0.024	0
8:51	0.025	0
8:52	0.025	0
8:53	0.023	0
8:54	0.024	0
8:55	0.034	0
8:56	0.025	0
8:57	0.023	0

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8:59	0.022	0
9:00	0.023	0
9:01	0.021	0
9:02	0.022	0
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9:04	0.024	0
9:05	0.024	0
9:06	0.032	0
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9:12	0.021	0
9:13	0.02	0
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9:15	0.019	0
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9:17	0.019	0
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9:20	0.02	0
9:21	0.02	0
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9:23	0.022	0
9:24	0.024	0
9:25	0.019	0
9:26	0.019	0
9:27	0.02	0
9:28	0.018	0
9:29	0.017	0
9:30	0.017	0
9:31	0.017	0
9:32	0.017	0
9:33	0.017	0
9:34	0.018	0
9:35	0.021	0
9:36	0.02	0
9:37	0.021	0
9:38	0.02	0
9:39	0.017	0
9:40	0.017	0
9:41	0.019	0
9:42	0.018	0
9:43	0.018	0
9:44	0.017	0

9:45	0.016	0
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9:55	0.016	0
9:56	0.018	0
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9:58	0.016	0
9:59	0.017	0
10:00	0.017	0
10:01	0.023	0
10:02	0.016	0
10:03	0.016	0
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10:05	0.018	0
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10:29	0.019	0
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11:59	0.021	0
12:00	0.021	0
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12:03	0.015	0
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13:34	0.012	0
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13:36	0.014	0
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13:39	0.016	0

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13:57	0.021	0
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14:13	0.013	0
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14:26	0.012	0

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15:55	0.012	0
15:56	0.014	0
15:57	0.012	0
15:58	0.013	0
15:59	0.011	0
16:00	0.01	0

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16:02	0.014	0
16:03	0.014	0
16:04	0.01	0
16:05	0.009	0
16:06	0.01	0
16:07	0.012	0
16:08	0.018	0
16:09	0.017	0
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16:15	0.012	0
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16:18	0.01	0
16:19	0.01	0
16:20	0.01	0
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16:22	0.013	0
16:23	0.012	0
16:24	0.011	0
16:25	0.01	0
16:26	0.01	0
16:27	0.01	0
16:28	0.01	0
16:29	0.011	0
16:30	0.01	0
16:31	0.011	0
16:32	0.01	0
16:33	0.01	0
16:34	0.009	0
16:35	0.01	0
16:36	0.01	0
16:37	0.01	0
16:38	0.01	0
16:39	0.01	0
16:40	0.01	0
16:41	0.011	0
16:42	0.01	0
16:43	0.011	0
16:44	0.01	0
16:45	0.009	0
16:46	0.009	0
16:47	0.009	0

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16:49	0.013	0
16:50	0.014	0
16:51	0.012	0
16:52	0.01	0
16:53	0.011	0
16:54	0.015	0
16:55	0.012	0
16:56	0.011	0
16:57	0.01	0
16:58	0.009	0
16:59	0.009	0
17:00	0.011	0
17:01	0.009	0
17:02	0.01	0
17:03	0.011	0
17:04	0.011	0
17:05	0.013	0
17:06	0.008	0
17:07	0.008	0
17:08	0.009	0
17:09	0.009	0
17:10	0.009	0
17:11	0.011	0
17:12	0.009	0
17:13	0.01	0
17:14	0.009	0
17:15	0.009	0
17:16	0.008	0
17:17	0.008	0
17:18	0.009	0
17:19	0.011	0
17:20	0.009	0
17:21	0.009	0
17:22	0.009	0
17:23	0.009	0
17:24	0.01	0
17:25	0.009	0
17:26	0.01	0
17:27	0.01	0
17:28	0.009	0
17:29	0.008	0
17:30	0.008	0
17:31	0.009	0
17:32	0.007	0
17:33	0.008	0
17:34	0.009	0

17:35	0.009	0
17:36	0.01	0
17:37	0.009	0
17:38	0.009	0
17:39	0.009	0
17:40	0.008	0
17:41	0.008	0
17:42	0.01	0
17:43	0.009	0
17:44	0.008	0