

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

Thomas Jensen

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X	Wind
TEMP.	< 32		32-50		50-70	X	70-85		>85		SW – 8 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	5/31/23
Project:	585 Union Street, Brooklyn, NY				

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 07:00

Time Out: 18:05

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-three (23) concrete trucks onsite to pour the foundation slab WC-6 & WC-7;
- Rebar work for the foundation wall in WC-6 and WC-7;
- Exposing, chipping, forming pile caps, and rebar work in WC-1 & 2; and
- Overall excavation activities in WC-1 & WC-2 for continuation of construction.

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 = _0.0_ ppm, Dust = _0.031_ mg/m³ @ 07:00.
- High Conditions (Upwind) – PID = _0.2_ ppm @ 07:32, Dust = _0.07_ mg/m³ @ 16:52.
- High Conditions (Downwind) – PID = _4.5_ ppm @ 08:02, Dust = _0.141_ mg/m³ @ 12:30.

Notable Site Conditions:

- See Site Activities.

Planned for the Next Day:

- Continued rebar and pile work;
- Continuation of bringing in approved backfill;
- Two (2) truckloads of material to be removed offsite to Bayshore.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –

Representative view of concrete truck onsite.



Photo 2 –

Representative photo of pile work in WC-1 & WC-2.



Photo 3 -

Representative photo of concrete being poured for the foundation slab in WC-6.

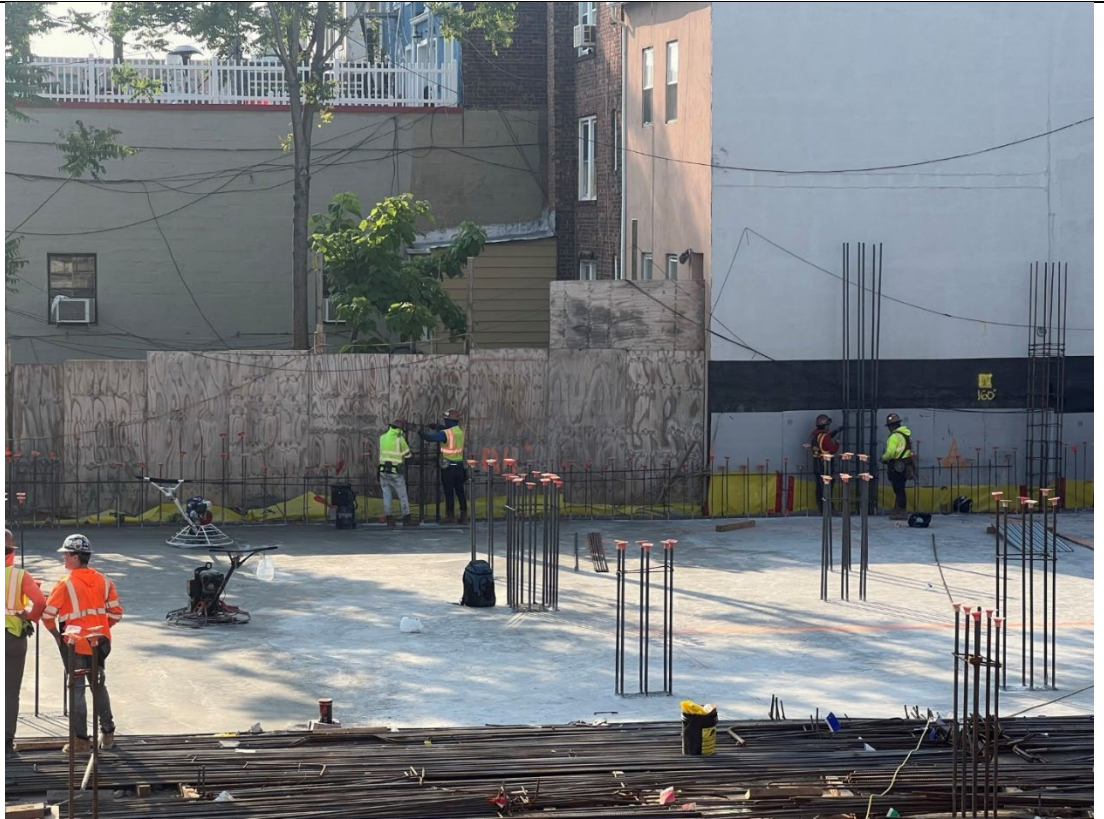


Photo 4 –

Representative photo of pile caps being exposed in WC-1 & WC-2.



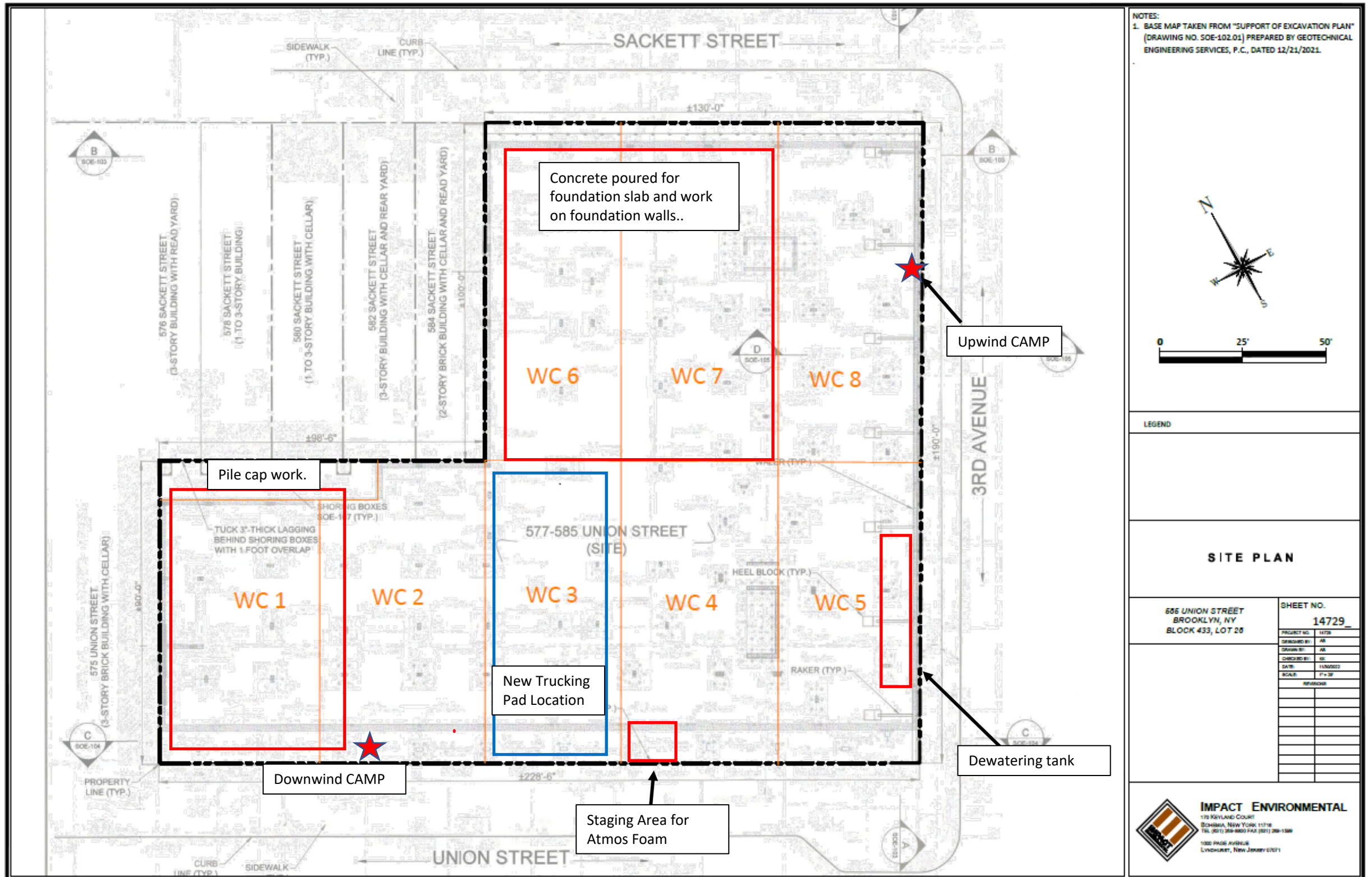
Photo 5 -
Representative
photo of
workers
beginning to
work on the
foundation
wall in WC-6 &
WC-7.



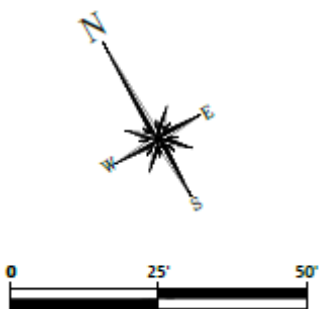
SITE PLAN

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.
	DESIGNED BY
	DRAWN BY
	CHECKED BY
	DATE
	SCALE

IMPACT ENVIRONMENTAL

175 KAYLAND COURT
 BOHICA, NEW YORK 11718
 TEL (516) 269-8800 FAX (516) 269-1598

1000 PINE AVENUE
 LYNHURST, NEW JERSEY 07031

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_009
Test Start Time	7:00:09 AM
Test Start Date	5/31/2023
Test Length [D:H:M]	0:10:42
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.034
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.07
Mass TWA [mg/m3]	0.028
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	642

Elapsed Time [s]	Mass [mg/m3]	PID	Alarms	Errors
7:00	0.031	0		
7:01	0.032	0.1		
7:02	0.021	0.1		
7:03	0.019	0.1		
7:04	0.019	0.1		
7:05	0.018	0.1		
7:06	0.019	0.1		
7:07	0.018	0.1		
7:08	0.018	0.1		
7:09	0.018	0.1		
7:10	0.017	0.1		
7:11	0.027	0.1		
7:12	0.023	0.1		
7:13	0.019	0.1		
7:14	0.018	0.1		
7:15	0.019	0.1		
7:16	0.019	0.1		
7:17	0.02	0.1		
7:18	0.018	0.1		
7:19	0.019	0.1		
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7:21	0.022	0.1		
7:22	0.023	0.1		
7:23	0.018	0.1		
7:24	0.019	0.1		
7:25	0.02	0.1		
7:26	0.019	0.1		

7:27	0.018	0.1
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7:29	0.02	0.1
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7:44	0.022	0.2
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8:13	0.027	0.2

8:14	0.027	0.2
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8:17	0.029	0.2
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16:03	0.052	0

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16:10	0.05	0
16:11	0.048	0
16:12	0.049	0
16:13	0.048	0
16:14	0.047	0
16:15	0.048	0
16:16	0.052	0
16:17	0.051	0
16:18	0.05	0
16:19	0.051	0
16:20	0.053	0
16:21	0.051	0
16:22	0.055	0
16:23	0.055	0
16:24	0.052	0
16:25	0.052	0
16:26	0.052	0
16:27	0.053	0
16:28	0.055	0
16:29	0.052	0
16:30	0.05	0
16:31	0.051	0
16:32	0.051	0
16:33	0.051	0
16:34	0.05	0
16:35	0.051	0
16:36	0.052	0
16:37	0.051	0
16:38	0.051	0
16:39	0.053	0
16:40	0.051	0
16:41	0.051	0
16:42	0.052	0
16:43	0.053	0
16:44	0.054	0
16:45	0.056	0
16:46	0.056	0
16:47	0.055	0
16:48	0.058	0
16:49	0.06	0
16:50	0.062	0

16:51	0.067	0
16:52	0.07	0
16:53	0.068	0
16:54	0.066	0
16:55	0.062	0
16:56	0.06	0
16:57	0.059	0
16:58	0.057	0
16:59	0.057	0
17:00	0.057	0
17:01	0.06	0
17:02	0.058	0
17:03	0.057	0
17:04	0.059	0
17:05	0.065	0
17:06	0.064	0
17:07	0.065	0
17:08	0.065	0
17:09	0.066	0
17:10	0.067	0
17:11	0.065	0
17:12	0.062	0
17:13	0.061	0
17:14	0.061	0
17:15	0.061	0
17:16	0.061	0
17:17	0.059	0
17:18	0.058	0
17:19	0.058	0
17:20	0.058	0
17:21	0.058	0
17:22	0.057	0
17:23	0.056	0
17:24	0.056	0
17:25	0.057	0
17:26	0.056	0
17:27	0.058	0
17:28	0.057	0
17:29	0.057	0
17:30	0.058	0
17:31	0.056	0
17:32	0.056	0
17:33	0.055	0
17:34	0.054	0
17:35	0.051	0
17:36	0.05	0
17:37	0.05	0

17:38	0.051	0
17:39	0.048	0
17:40	0.049	0
17:41	0.048	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_005
Test Start Time	7:06:18 AM
Test Start Date	5/31/2023
Test Length [D:H:M]	0:10:40
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.141
Mass TWA [mg/m3]	0.021
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	640

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:06	0.054	0		
7:07	0.017	0		
7:08	0.015	0		
7:09	0.013	0		
7:10	0.022	0		
7:11	0.019	0		
7:12	0.017	0		
7:13	0.015	0		
7:14	0.014	0		
7:15	0.014	0		
7:16	0.025	0		
7:17	0.022	0		
7:18	0.013	0		
7:19	0.013	0		
7:20	0.013	0		
7:21	0.013	0		
7:22	0.024	0		
7:23	0.023	0		
7:24	0.023	0		
7:25	0.016	0		
7:26	0.015	0		
7:27	0.018	0		
7:28	0.014	0		
7:29	0.013	0		
7:30	0.014	0		
7:31	0.015	0		
7:32	0.016	0		

7:33	0.017	0
7:34	0.026	0
7:35	0.018	0
7:36	0.014	0
7:37	0.016	0
7:38	0.015	0
7:39	0.014	0
7:40	0.017	0
7:41	0.019	0
7:42	0.036	0
7:43	0.038	0
7:44	0.037	0
7:45	0.048	0
7:46	0.055	0
7:47	0.017	0
7:48	0.037	0
7:49	0.032	0
7:50	0.02	0
7:51	0.02	0
7:52	0.059	0
7:53	0.024	0
7:54	0.014	0
7:55	0.014	0
7:56	0.014	0
7:57	0.017	0
7:58	0.027	0
7:59	0.016	0
8:00	0.015	0
8:01	0.016	0
8:02	0.022	4.5
8:03	0.022	0
8:04	0.016	0
8:05	0.015	0
8:06	0.025	0
8:07	0.03	0
8:08	0.024	0
8:09	0.029	0
8:10	0.023	0
8:11	0.019	0
8:12	0.022	0
8:13	0.029	0
8:14	0.024	0
8:15	0.018	0
8:16	0.022	0
8:17	0.022	0
8:18	0.023	0
8:19	0.024	0

8:20	0.028	0
8:21	0.042	0
8:22	0.058	0
8:23	0.072	0
8:24	0.028	0
8:25	0.019	0
8:26	0.019	0
8:27	0.066	0
8:28	0.021	0
8:29	0.017	0
8:30	0.019	0
8:31	0.024	0
8:32	0.02	0
8:33	0.052	0
8:34	0.021	0
8:35	0.027	0
8:36	0.019	0
8:37	0.017	0
8:38	0.016	0
8:39	0.062	0
8:40	0.046	0
8:41	0.015	0
8:42	0.029	0
8:43	0.055	0
8:44	0.026	0
8:45	0.026	0
8:46	0.034	0
8:47	0.022	0
8:48	0.019	0
8:49	0.02	0
8:50	0.017	0
8:51	0.019	0
8:52	0.019	0
8:53	0.021	0
8:54	0.016	0
8:55	0.019	0
8:56	0.02	0
8:57	0.017	0
8:58	0.015	0
8:59	0.016	0
9:00	0.022	0
9:01	0.018	0
9:02	0.019	0
9:03	0.04	0
9:04	0.029	0
9:05	0.018	0
9:06	0.024	0

9:07	0.017	0
9:08	0.032	0
9:09	0.024	0
9:10	0.017	0
9:11	0.031	0
9:12	0.051	0
9:13	0.019	0
9:14	0.017	0
9:15	0.017	0
9:16	0.014	0
9:17	0.02	0
9:18	0.015	0
9:19	0.026	0
9:20	0.013	0
9:21	0.028	0
9:22	0.012	0
9:23	0.01	0
9:24	0.009	0
9:25	0.019	0
9:26	0.021	0
9:27	0.01	0
9:28	0.011	0
9:29	0.008	0
9:30	0.009	0
9:31	0.01	0
9:32	0.008	0
9:33	0.008	0
9:34	0.01	0
9:35	0.032	0
9:36	0.018	0
9:37	0.019	0
9:38	0.011	0
9:39	0.014	0
9:40	0.01	0
9:41	0.009	0
9:42	0.011	0
9:43	0.011	0
9:44	0.007	0
9:45	0.017	0
9:46	0.016	0
9:47	0.008	0
9:48	0.006	0
9:49	0.013	0
9:50	0.007	0
9:51	0.006	0
9:52	0.005	0
9:53	0.008	0

9:54	0.006	0
9:55	0.005	0
9:56	0.005	0
9:57	0.008	0
9:58	0.009	0
9:59	0.006	0
10:00	0.006	0
10:01	0.017	0
10:02	0.008	0
10:03	0.012	0
10:04	0.017	0
10:05	0.005	0
10:06	0.015	0
10:07	0.023	0
10:08	0.009	0
10:09	0.009	0
10:10	0.008	0
10:11	0.02	0
10:12	0.007	0
10:13	0.014	0
10:14	0.024	0
10:15	0.011	0
10:16	0.012	0
10:17	0.015	0
10:18	0.007	0
10:19	0.017	0
10:20	0.016	0
10:21	0.023	0
10:22	0.011	0
10:23	0.013	0
10:24	0.008	0
10:25	0.009	0
10:26	0.005	0
10:27	0.024	0
10:28	0.015	0
10:29	0.036	0
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10:32	0.027	0
10:33	0.02	0
10:34	0.02	0
10:35	0.007	0
10:36	0.01	0
10:37	0.009	0
10:38	0.016	0
10:39	0.039	0
10:40	0.058	0

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10:43	0.013	0
10:44	0.006	0
10:45	0.008	0
10:46	0.015	0
10:47	0.008	0
10:48	0.02	0
10:49	0.008	0
10:50	0.031	0
10:51	0.06	0
10:52	0.047	0
10:53	0.037	0
10:54	0.018	0
10:55	0.025	0
10:56	0.019	0
10:57	0.011	0
10:58	0.027	0
10:59	0.007	0
11:00	0.007	0
11:01	0.007	0
11:02	0.009	0
11:03	0.013	0
11:04	0.011	0
11:05	0.01	0
11:06	0.014	0
11:07	0.013	0
11:08	0.006	0
11:09	0.008	0
11:10	0.028	0
11:11	0.005	0
11:12	0.008	0
11:13	0.005	0
11:14	0.006	0
11:15	0.001	0
11:16	0.001	0
11:17	0.005	0
11:18	0.001	0
11:19	0.002	0
11:20	0.003	0
11:21	0.002	0
11:22	0.002	0
11:23	0.007	0
11:24	0.005	0
11:25	0.012	0
11:26	0.003	0
11:27	0.002	0

11:28	0.001	0
11:29	0.005	0
11:30	0.003	0
11:31	0.004	0
11:32	0.01	0
11:33	0.001	0
11:34	0.001	0
11:35	0.001	0
11:36	0.006	0
11:37	0.009	0
11:38	0.014	0
11:39	0.005	0
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11:42	0.003	0
11:43	0.001	0
11:44	0.002	0
11:45	0.003	0
11:46	0.003	0
11:47	0.001	0
11:48	0	0
11:49	0	0
11:50	0	0
11:51	0.005	0
11:52	0.018	0
11:53	0.011	0
11:54	0.034	0
11:55	0.052	0
11:56	0.054	0
11:57	0.028	0
11:58	0.001	0
11:59	0.001	0
12:00	0.004	0
12:01	0.001	0
12:02	0.002	0
12:03	0.004	0
12:04	0.002	0
12:05	0.003	0
12:06	0.001	0
12:07	0.004	0
12:08	0.002	0
12:09	0.002	0
12:10	0.005	0
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12:12	0.002	0
12:13	0.005	0
12:14	0.004	0

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12:16	0.004	0
12:17	0.002	0
12:18	0.003	0
12:19	0.002	0
12:20	0.006	0
12:21	0.003	0
12:22	0.003	0
12:23	0.004	0
12:24	0.003	0
12:25	0.003	0
12:26	0.003	0
12:27	0.002	0
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12:29	0.006	0
12:30	0.141	0
12:31	0.068	0
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12:33	0.009	0
12:34	0.007	0
12:35	0.006	0
12:36	0.006	0
12:37	0.006	0
12:38	0.006	0
12:39	0.006	0
12:40	0.009	0
12:41	0.008	0
12:42	0.007	0
12:43	0.007	0
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12:45	0.006	0
12:46	0.01	0
12:47	0.016	0
12:48	0.026	0
12:49	0.025	0
12:50	0.026	0
12:51	0.026	0
12:52	0.031	0
12:53	0.028	0
12:54	0.029	0
12:55	0.032	0
12:56	0.034	0
12:57	0.035	0
12:58	0.038	0
12:59	0.033	0
13:00	0.034	0
13:01	0.039	0

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13:03	0.038	0
13:04	0.031	0
13:05	0.034	0
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13:07	0.039	0
13:08	0.033	0
13:09	0.035	0
13:10	0.035	0
13:11	0.036	0
13:12	0.033	0
13:13	0.033	0
13:14	0.034	0
13:15	0.032	0
13:16	0.034	0
13:17	0.035	0
13:18	0.036	0
13:19	0.035	0
13:20	0.038	0
13:21	0.031	0
13:22	0.032	0
13:23	0.035	0
13:24	0.034	0
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13:26	0.047	0
13:27	0.039	0
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13:29	0.038	0
13:30	0.032	0
13:31	0.033	0
13:32	0.031	0
13:33	0.03	0
13:34	0.03	0
13:35	0.037	0
13:36	0.039	0
13:37	0.036	0
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13:39	0.035	0
13:40	0.037	0
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13:42	0.033	0
13:43	0.033	0
13:44	0.032	0
13:45	0.031	0
13:46	0.032	0
13:47	0.032	0
13:48	0.032	0

13:49	0.031	0
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13:52	0.031	0
13:53	0.032	0
13:54	0.033	0
13:55	0.031	0
13:56	0.031	0
13:57	0.032	0
13:58	0.032	0
13:59	0.032	0
14:00	0.032	0
14:01	0.033	0
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14:03	0.042	0
14:04	0.031	0
14:05	0.032	0
14:06	0.032	0
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14:08	0.034	0
14:09	0.034	0
14:10	0.036	0
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14:13	0.036	0
14:14	0.058	0
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14:19	0.032	0
14:20	0.033	0
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14:33	0.029	0
14:34	0.027	0
14:35	0.027	0

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14:37	0.029	0
14:38	0.028	0
14:39	0.029	0
14:40	0.032	0
14:41	0.027	0
14:42	0.028	0
14:43	0.028	0
14:44	0.027	0
14:45	0.029	0
14:46	0.028	0
14:47	0.027	0
14:48	0.03	0
14:49	0.03	0
14:50	0.029	0
14:51	0.027	0
14:52	0.027	0
14:53	0.028	0
14:54	0.029	0
14:55	0.028	0
14:56	0.028	0
14:57	0.028	0
14:58	0.029	0
14:59	0.028	0
15:00	0.028	0
15:01	0.029	0
15:02	0.033	0
15:03	0.031	0
15:04	0.03	0
15:05	0.028	0
15:06	0.029	0
15:07	0.03	0
15:08	0.03	0
15:09	0.031	0
15:10	0.032	0
15:11	0.031	0
15:12	0.03	0
15:13	0.034	0
15:14	0.031	0
15:15	0.031	0
15:16	0.029	0
15:17	0.028	0
15:18	0.032	0
15:19	0.04	0
15:20	0.042	0
15:21	0.032	0
15:22	0.028	0

15:23	0.029	0.1
15:24	0.031	0
15:25	0.032	0
15:26	0.031	0
15:27	0.029	0
15:28	0.048	0
15:29	0.035	0
15:30	0.072	0
15:31	0.069	0
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15:34	0.033	0
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15:36	0.031	0
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15:39	0.033	0
15:40	0.035	0.7
15:41	0.031	0
15:42	0.031	0
15:43	0.029	0
15:44	0.035	0
15:45	0.03	0
15:46	0.03	0
15:47	0.031	0
15:48	0.032	0
15:49	0.031	0
15:50	0.03	0
15:51	0.035	0
15:52	0.034	0
15:53	0.034	0
15:54	0.035	0
15:55	0.033	0
15:56	0.032	0
15:57	0.033	0
15:58	0.031	0
15:59	0.032	0
16:00	0.031	0
16:01	0.031	0
16:02	0.031	0
16:03	0.031	0
16:04	0.034	0
16:05	0.038	0
16:06	0.035	0
16:07	0.032	0
16:08	0.032	0
16:09	0.032	0

16:10	0.117	0
16:11	0.047	0
16:12	0.034	1.4
16:13	0.03	0
16:14	0.039	0
16:15	0.033	0
16:16	0.031	0
16:17	0.036	0
16:18	0.032	0
16:19	0.034	0
16:20	0.033	0
16:21	0.036	0
16:22	0.033	0
16:23	0.032	0
16:24	0.033	0
16:25	0.032	0
16:26	0.033	0
16:27	0.033	0
16:28	0.034	0
16:29	0.035	0
16:30	0.032	0
16:31	0.032	0
16:32	0.033	0
16:33	0.031	0
16:34	0.032	0
16:35	0.032	0
16:36	0.032	0
16:37	0.032	0
16:38	0.035	0
16:39	0.034	0
16:40	0.032	0
16:41	0.033	0
16:42	0.034	0
16:43	0.034	0
16:44	0.035	0
16:45	0.036	0
16:46	0.036	0
16:47	0.036	0
16:48	0.04	0
16:49	0.043	0
16:50	0.043	0
16:51	0.046	0
16:52	0.05	0
16:53	0.047	0
16:54	0.046	0
16:55	0.041	0
16:56	0.042	0

16:57	0.04	0
16:58	0.04	0
16:59	0.041	0
17:00	0.041	0
17:01	0.04	0
17:02	0.039	0
17:03	0.038	0
17:04	0.045	0
17:05	0.045	0
17:06	0.046	0
17:07	0.053	0
17:08	0.048	0
17:09	0.047	0
17:10	0.048	0
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17:12	0.055	0
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17:14	0.094	0
17:15	0.094	0
17:16	0.054	0
17:17	0.045	0
17:18	0.045	0
17:19	0.043	0
17:20	0.044	0
17:21	0.046	0
17:22	0.046	0
17:23	0.057	0
17:24	0.042	0
17:25	0.039	0
17:26	0.045	0
17:27	0.052	0
17:28	0.05	0
17:29	0.051	0
17:30	0.046	0
17:31	0.04	0
17:32	0.045	0
17:33	0.056	0
17:34	0.046	0
17:35	0.042	0
17:36	0.034	0
17:37	0.035	0
17:38	0.031	0
17:39	0.031	0
17:40	0.035	0
17:41	0.033	0
17:42	0.03	0
17:43	0.029	0

17:44	0.033	0
17:45	0.028	0