

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

Thomas Jensen

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	Wind
TEMP.	< 32		32-50		50-70	X	70-85		>85	W- 6 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	2/13/23
Project:	585 Union Street, Brooklyn, NY				

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 06:30

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, 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; and
- Oversight of hot spot excavations

Site Activities:

- EDC installing and grouting piles in WC-1, WC-2, and WC-3;
- Large diameter auguring continues proximal to SB-14. Augers are extending 10' from site elevation (site is 6' below grade). Fourteen (14) auger points were advanced today (44 points total), material from augers stockpiled on and covered in poly;
- Whalers, rakers, and lagging being installed along 3rd Avenue;
- Stockpile-8 with material from SB-14 was sampled for disposal purposes;
- Six (6) concrete trucks came to site to grout structural piles.

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; rain began at 10am
- No sustained dust exceedances were observed over a 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.0__ ppm, Dust = __1.05__ mg/m³ @ 6:58
- High Conditions (Upwind) – PID = __0.1__ ppm, Dust = __1.05mg/m³ @ 06:58
- High Conditions (Downwind) – PID = __0.2__ ppm, Dust = __0.046 mg/m³ @ 13:56

High CAMP reading at the start of day due to calibration error.

Notable Site Conditions:

- See Site Activities.

Planned Activities for the Next Day:

- Continuation of installation of structural piles;
- Continuation of installation of walers;
- Continuation of installation of heel blocks ;
- Continuation of installing rakers;
- Continuation of lagging along 3rd Avenue;
- Continuation of off-site disposal of material from the 6-9' interval; and
- Continued large diameter auguring at SB-14 location.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1 –
Representative
photo of
auguring hot
spot SB-14.



Photo 2 –
Representative
photo of
workers
welding
whalers along
3rd Avenue.



Photo 3 –

Representative
photo of EDC
installing piles.



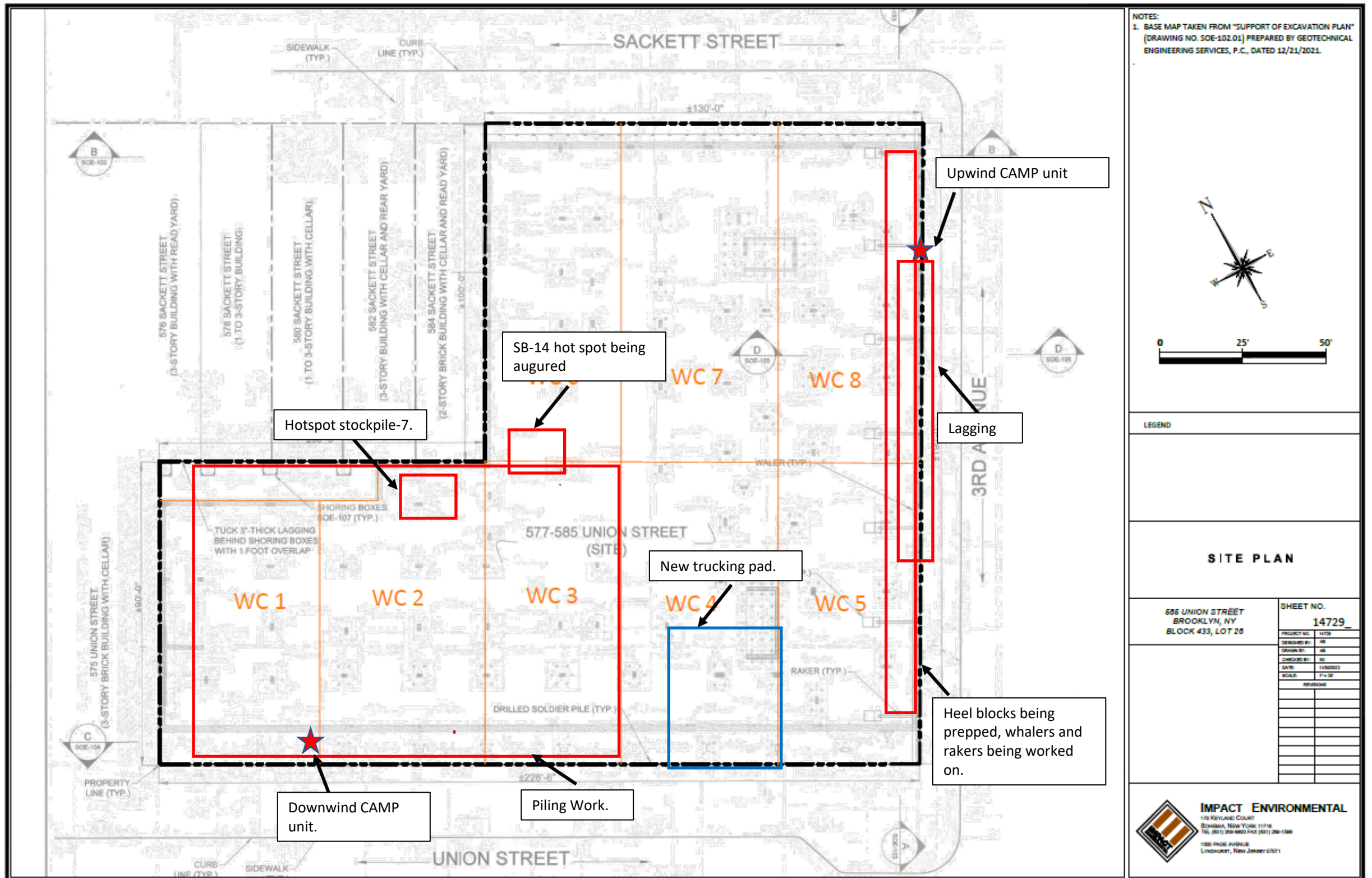
Photo 4 –
Representative
photo of
lagging along
3rd Avenue.



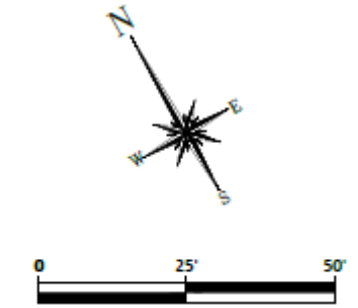
SITE PLAN

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.	14729
DESIGNED BY	JE
DRAWN BY	JE
CHECKED BY	JE
DATE	11/20/2021
SCALE	1"=30'
REVISIONS	

IMPACT ENVIRONMENTAL
175 KAYLAND COURT
BOHICA, NEW YORK 11718
TEL (815) 269-8800 FAX (815) 269-1598
1000 PINE AVENUE
LYNDHURST, NEW JERSEY 07031

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_009
Test Start Time	6:58:29 AM
Test Start Date	2/13/2023
Test Length [D:H:M]	0:09:59
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	1.05
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	599

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:57				
6:58	1.05		0	
6:59	0.018		0	
7:00	0.015		0	
7:01	0.014		0	
7:02	0.014		0	
7:03	0.016		0	
7:04	0.016		0	
7:05	0.014		0	
7:06	0.014		0	
7:07	0.016		0	
7:08	0.03	0.1		
7:09	0.014		0	
7:10	0.025		0	
7:11	0.017		0	
7:12	0.014		0	
7:13	0.013		0	
7:14	0.012		0	
7:15	0.012		0	
7:16	0.012		0	
7:17	0.011		0	
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15:59	0.018	0
16:00	0.015	0

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16:52	0.013	0
16:53	0.013	0
16:54	0.019	0
16:55	0.019	0
16:56	0.014	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_006
Test Start Time	6:58:48 AM
Test Start Date	2/13/2023
Test Length [D:H:M]	0:09:56
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	-0.001
Mass Maximum [mg/m3]	0.046
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	596

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:57				
6:58	0.02	0.1		
6:59	0.005	0.1		
7:00	0.002	0.1		
7:01	0.003	0.1		
7:02	0.001	0.1		
7:03	0.002	0.1		
7:04	0.001	0.1		
7:05	0.001	0.1		
7:06	0.002	0.1		
7:07	0.002	0		
7:08	0.003	0		
7:09	0.001	0		
7:10	0.002	0		
7:11	0.008	0		
7:12	0.003	0.1		
7:13	0.007	0		
7:14	0.002	0		
7:15	0.001	0		
7:16	0.002	0		
7:17	0.008	0		
7:18	0.003	0		
7:19	0.005	0		
7:20	0.003	0		
7:21	0.009	0		
7:22	0.012	0		
7:23	0.003	0		

7:24	0.013	0
7:25	0.017	0
7:26	0.02	0
7:27	0.026	0
7:28	0.015	0
7:29	0.007	0
7:30	0.008	0
7:31	0.006	0
7:32	0.003	0
7:33	0.006	0
7:34	0.011	0
7:35	0.008	0
7:36	0.021	0
7:37	0.009	0.1
7:38	0.007	0.1
7:39	0.008	0.1
7:40	0.008	0.1
7:41	0.006	0.1
7:42	0.004	0
7:43	0.007	0
7:44	0.006	0.1
7:45	0.01	0.1
7:46	0.01	0.1
7:47	0.006	0.1
7:48	0.005	0.1
7:49	0.007	0.1
7:50	0.008	0.1
7:51	0.005	0.1
7:52	0.005	0.1
7:53	0.012	0.1
7:54	0.015	0
7:55	0.011	0.1
7:56	0.017	0.1
7:57	0.014	0.1
7:58	0.01	0
7:59	0.011	0
8:00	0.008	0
8:01	0.017	0
8:02	0.016	0
8:03	0.017	0
8:04	0.011	0
8:05	0.013	0.1
8:06	0.013	0
8:07	0.009	0.1
8:08	0.01	0.1
8:09	0.006	0.1
8:10	0.008	0.1

8:11	0.007	0.1
8:12	0.006	0.1
8:13	0.006	0.1
8:14	0.005	0
8:15	0.013	0
8:16	0.008	0
8:17	0.007	0
8:18	0.006	0.1
8:19	0.006	0
8:20	0.007	0
8:21	0.005	0.1
8:22	0.005	0
8:23	0.006	0.1
8:24	0.006	0.1
8:25	0.007	0
8:26	0.006	0.1
8:27	0.007	0.1
8:28	0.006	0.1
8:29	0.007	0
8:30	0.006	0
8:31	0.006	0.1
8:32	0.005	0
8:33	0.005	0.1
8:34	0.006	0.1
8:35	0.006	0.1
8:36	0.005	0.1
8:37	0.006	0.1
8:38	0.006	0.1
8:39	0.006	0.1
8:40	0.009	0.1
8:41	0.009	0.1
8:42	0.008	0.1
8:43	0.007	0.1
8:44	0.007	0.1
8:45	0.007	0.1
8:46	0.008	0.1
8:47	0.007	0.1
8:48	0.01	0.1
8:49	0.009	0.1
8:50	0.007	0.1
8:51	0.005	0.1
8:52	0.013	0.1
8:53	0.009	0.1
8:54	0.006	0.1
8:55	0.006	0.1
8:56	0.006	0.1
8:57	0.006	0.1

8:58	0.007	0.1
8:59	0.008	0.1
9:00	0.006	0.1
9:01	0.006	0.1
9:02	0.006	0.1
9:03	0.011	0.1
9:04	0.01	0.1
9:05	0.008	0.1
9:06	0.007	0.1
9:07	0.009	0.1
9:08	0.009	0.1
9:09	0.007	0.1
9:10	0.007	0.1
9:11	0.007	0.1
9:12	0.007	0.1
9:13	0.008	0.1
9:14	0.006	0.1
9:15	0.006	0.1
9:16	0.006	0.1
9:17	0.006	0.1
9:18	0.006	0.1
9:19	0.005	0.1
9:20	0.005	0.1
9:21	0.005	0.1
9:22	0.005	0.1
9:23	0.005	0.1
9:24	0.006	0.1
9:25	0.006	0.1
9:26	0.008	0.1
9:27	0.006	0.1
9:28	0.006	0.1
9:29	0.011	0.1
9:30	0.007	0.1
9:31	0.007	0.1
9:32	0.006	0.1
9:33	0.006	0.1
9:34	0.005	0.1
9:35	0.006	0.1
9:36	0.008	0.1
9:37	0.005	0.1
9:38	0.007	0.1
9:39	0.006	0.1
9:40	0.009	0.1
9:41	0.006	0.1
9:42	0.005	0.1
9:43	0.005	0.1
9:44	0.005	0.1

9:45	0.007	0.1
9:46	0.007	0.1
9:47	0.005	0.1
9:48	0.005	0.1
9:49	0.006	0.1
9:50	0.005	0.1
9:51	0.005	0.1
9:52	0.005	0.1
9:53	0.005	0.1
9:54	0.005	0.1
9:55	0.006	0.1
9:56	0.007	0.1
9:57	0.006	0.1
9:58	0.006	0.1
9:59	0.005	0.1
10:00	0.005	0.1
10:01	0.008	0.1
10:02	0.006	0.2
10:03	0.006	0.1
10:04	0.008	0.1
10:05	0.008	0.1
10:06	0.01	0.1
10:07	0.008	0.2
10:08	0.008	0.1
10:09	0.007	0.1
10:10	0.007	0.1
10:11	0.017	0.1
10:12	0.017	0.1
10:13	0.012	0.1
10:14	0.012	0.2
10:15	0.008	0.1
10:16	0.007	0.1
10:17	0.006	0.1
10:18	0.005	0.1
10:19	0.006	0
10:20	0.013	0.1
10:21	0.014	0.1
10:22	0.007	0
10:23	0.005	0.1
10:24	0.005	0.1
10:25	0.004	0.1
10:26	0.004	0.1
10:27	0.004	0.1
10:28	0.005	0.1
10:29	0.007	0.1
10:30	0.013	0.1
10:31	0.018	0.2

10:32	0.011	0.1
10:33	0.005	0.1
10:34	0.005	0
10:35	0.005	0
10:36	0.005	0.1
10:37	0.005	0.1
10:38	0.003	0.1
10:39	0.003	0.1
10:40	0.004	0.1
10:41	0.003	0.1
10:42	0.003	0.1
10:43	0.003	0.1
10:44	0.004	0.1
10:45	0.003	0.1
10:46	0.004	0
10:47	0.004	0.1
10:48	0.004	0
10:49	0.004	0.1
10:50	0.003	0
10:51	0.006	0.1
10:52	0.003	0
10:53	0.004	0.1
10:54	0.002	0.1
10:55	0.003	0
10:56	0.004	0.1
10:57	0.003	0.2
10:58	0.002	0
10:59	0.002	0
11:00	0.002	0
11:01	0.002	0
11:02	0.002	0
11:03	0.001	0
11:04	0.001	0
11:05	0.001	0
11:06	0.002	0
11:07	0.002	0
11:08	0.002	0
11:09	0.001	0
11:10	0.001	0
11:11	0.001	0
11:12	0.002	0
11:13	0.002	0
11:14	0.003	0
11:15	0.003	0.1
11:16	0.002	0
11:17	0.004	0
11:18	0.004	0

11:19	0.003	0
11:20	0.005	0
11:21	0.002	0
11:22	0.001	0
11:23	0.002	0
11:24	0.002	0
11:25	0.002	0
11:26	0.004	0
11:27	0.003	0
11:28	0.02	0
11:29	0.007	0
11:30	0.007	0
11:31	0.007	0
11:32	0.005	0
11:33	0.003	0
11:34	0.002	0
11:35	0.002	0
11:36	0.003	0
11:37	0.004	0
11:38	0.002	0.1
11:39	0.003	0
11:40	0.011	0
11:41	0.006	0
11:42	0.012	0
11:43	0.007	0
11:44	0.003	0
11:45	0.003	0
11:46	0.004	0
11:47	0.019	0
11:48	0.004	0
11:49	0.006	0
11:50	0.003	0
11:51	0.004	0.1
11:52	0.008	0
11:53	0.005	0
11:54	0.002	0
11:55	0.003	0
11:56	0.003	0
11:57	0.003	0
11:58	0.005	0
11:59	0.007	0
12:00	0.008	0
12:01	0.003	0
12:02	0.002	0
12:03	0.003	0
12:04	0.005	0.1
12:05	0.003	0

12:06	0.005	0
12:07	0.004	0
12:08	0.004	0.1
12:09	0.003	0.1
12:10	0.004	0
12:11	0.005	0
12:12	0.004	0
12:13	0.003	0
12:14	0.003	0
12:15	0.01	0
12:16	0.007	0
12:17	0.006	0
12:18	0.003	0
12:19	0.001	0
12:20	0.002	0.1
12:21	0.002	0
12:22	0.005	0
12:23	0.003	0
12:24	0.003	0
12:25	0.003	0
12:26	0.002	0
12:27	0.003	0
12:28	0.004	0
12:29	0.005	0
12:30	0.002	0
12:31	0.002	0
12:32	0.005	0
12:33	0.002	0
12:34	0.002	0
12:35	0.002	0
12:36	0.001	0
12:37	0.002	0
12:38	0.001	0
12:39	0.001	0
12:40	0.001	0
12:41	0.001	0
12:42	0.002	0
12:43	0.004	0
12:44	0.006	0
12:45	0.003	0
12:46	0.003	0
12:47	0.002	0
12:48	0.002	0
12:49	0.003	0
12:50	0.002	0
12:51	0.001	0
12:52	0.002	0

12:53	0.001	0
12:54	0.002	0
12:55	0.005	0
12:56	0.001	0
12:57	0.001	0
12:58	0	0
12:59	0.002	0
13:00	0.002	0
13:01	0.001	0
13:02	0.002	0
13:03	0.001	0
13:04	0.002	0
13:05	0	0
13:06	0.001	0
13:07	0.001	0
13:08	0.001	0
13:09	0.001	0
13:10	0.001	0
13:11	0.003	0
13:12	0.004	0
13:13	0.004	0
13:14	0.008	0
13:15	0.004	0
13:16	0.003	0
13:17	0.002	0
13:18	0.001	0
13:19	0	0
13:20	0.001	0
13:21	0.006	0
13:22	0.003	0
13:23	0.004	0
13:24	0.008	0
13:25	0.008	0
13:26	0.002	0
13:27	0.005	0
13:28	0.009	0
13:29	0.009	0
13:30	0.008	0
13:31	0.004	0
13:32	0.003	0
13:33	0.003	0
13:34	0.002	0
13:35	0.002	0
13:36	0.004	0
13:37	0.005	0
13:38	0.004	0
13:39	0.006	0

13:40	0.002	0
13:41	0.001	0
13:42	0	0
13:43	0.001	0
13:44	0.005	0
13:45	0.006	0
13:46	0.003	0
13:47	0.005	0
13:48	0.007	0
13:49	0.006	0
13:50	0.005	0
13:51	0.004	0
13:52	0.004	0
13:53	0.005	0
13:54	0.014	0
13:55	0.015	0
13:56	0.046	0
13:57	0.009	0
13:58	0	0
13:59	0	0
14:00	0	0
14:01	0	0
14:02	0.003	0
14:03	0.002	0
14:04	0.004	0
14:05	0.005	0
14:06	0.004	0
14:07	0.004	0
14:08	0.002	0
14:09	0.003	0
14:10	0.002	0
14:11	0.003	0
14:12	0.001	0
14:13	0.004	0
14:14	0.002	0
14:15	0.002	0
14:16	0.001	0
14:17	0.005	0
14:18	0.001	0
14:19	0.001	0
14:20	0.002	0
14:21	0.002	0
14:22	0.004	0
14:23	0.002	0
14:24	0.002	0
14:25	0.006	0
14:26	0.011	0

14:27	0.007	0
14:28	0.004	0
14:29	0.004	0
14:30	0.004	0
14:31	0	0
14:32	0	0
14:33	0	0
14:34	0	0
14:35	0	0
14:36	0	0
14:37	0	0
14:38	0	0
14:39	0	0
14:40	0	0
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14:42	0	0
14:43	0	0
14:44	0	0
14:45	0	0
14:46	0	0
14:47	0	0
14:48	0	0
14:49	0.001	0
14:50	0.006	0
14:51	0.002	0
14:52	0	0
14:53	0	0
14:54	0.003	0
14:55	0.001	0
14:56	0.005	0
14:57	0	0
14:58	0	0
14:59	0	0
15:00	-0.001	0
15:01	-0.001	0
15:02	0	0
15:03	0.009	0
15:04	0.01	0
15:05	0.007	0
15:06	0.006	0
15:07	0.003	0
15:08	0.003	0
15:09	0.004	0
15:10	0.005	0
15:11	0.001	0
15:12	0.003	0
15:13	0.003	0

15:14	0.005	0
15:15	0.008	0
15:16	0.008	0
15:17	0.005	0
15:18	0.005	0
15:19	0	0
15:20	0	0
15:21	0.001	0
15:22	0	0
15:23	0	0
15:24	0.001	0
15:25	0.001	0
15:26	0.003	0
15:27	0.007	0
15:28	0.002	0
15:29	0.006	0
15:30	0.003	0
15:31	0.002	0
15:32	0.002	0
15:33	0.005	0
15:34	0.004	0
15:35	0.001	0
15:36	0.002	0
15:37	0.012	0
15:38	0.006	0
15:39	0	0
15:40	0.001	0
15:41	0.001	0
15:42	0.01	0
15:43	0.006	0
15:44	0	0
15:45	0.002	0
15:46	0.001	0
15:47	0	0
15:48	0	0
15:49	0	0
15:50	0	0
15:51	0.001	0
15:52	0.001	0
15:53	0	0
15:54	0	0
15:55	0.001	0
15:56	0.008	0
15:57	0.014	0
15:58	0.004	0
15:59	0.004	0
16:00	0.004	0

16:01	0.002	0
16:02	0.001	0
16:03	0.001	0
16:04	0.002	0
16:05	0	0
16:06	0	0
16:07	0.001	0
16:08	0.001	0
16:09	0.001	0
16:10	0.003	0
16:11	0.001	0
16:12	0.002	0
16:13	0.001	0
16:14	0	0
16:15	0.002	0
16:16	0.001	0
16:17	0.003	0
16:18	0.002	0
16:19	0.001	0
16:20	0.002	0
16:21	0.001	0
16:22	0.004	0
16:23	0.006	0
16:24	0.012	0
16:25	0.011	0
16:26	0.014	0
16:27	0.004	0
16:28	0.005	0
16:29	0.007	0
16:30	0.002	0
16:31	0.003	0
16:32	0.003	0
16:33	0.002	0
16:34	0.002	0
16:35	0.002	0
16:36	0.004	0
16:37	0.004	0
16:38	0.002	0
16:39	0.003	0
16:40	0.005	0
16:41	0.008	0
16:42	0.005	0
16:43	0.005	0
16:44	0.004	0
16:45	0.003	0
16:46	0.002	0
16:47	0.002	0

16:48	0.002	0
16:49	0.003	0
16:50	0.002	0
16:51	0.014	0
16:52	0.009	0
16:53	0.002	0