



DAILY STATUS REPORT

Prepared By:

Thomas Jensen

WEATHER	Snow	Rain		Overcast		Partly Cloudy	X	Bright Sun	X	Wind
TEMP.	< 32	32-50	X	50-70	X	70-85		>85		SW-5 MPH

IEC Project No:	13928	NYSDEC BCP Site No:	C224367	Date:	11/2/23
Project:	251 Douglass Street, Brooklyn, NY				

<p>Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG)</p> <p>Time On: 07:00 Time Out: 17:30</p>	<p>Personnel On Site: IEEG (Environmental) – Thomas Jensen Cascade Remediation Services – Jon Simpson Broadway Construction Group - Tom Caporale</p> <p>Equipment On Site: Minirae 3000 PID, DustTrak II</p>
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Scope of Work: Cascade completed one ISS Pilot Test treatment column on the eastern portion of the Site. Refer to Figures for ISS Pilot Test column locations.

Site Activities:

- Deploy CAMP at the start of the workday;
- Atmos foam was sprayed throughout the day to limit nuisance odors from the ISS pilot test;
- ISS pilot test started. Column 24 (P2C-24) was drilled to 54.3’ using mixture C (7% slag, 3% Portland cement, and 1.25% water).

Cell #	Grid Northing	Grid Easting	Longitude	Latitude
24	187332.3884	988290.7861	-73.59076	40.40511

- Column 24 QA/QC sample collected at 45.5’;
- The 25’ extension for the sampling rod was welded on to the 25’ sampling tool, allowing Cascade to reach a maximum sample depth of 50’; and
- One delivery of Portland cement and one delivery of slag was delivered to the site for the ISS pilot test.
- The pocket penetrometer data is being collected by Cascade who will provide a summary.

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;
- No sustained dust exceedances were observed over a 1-min period during monitoring;
- Prestart Upwind Conditions – PID = _0.0_ ppm, Dust = _0.007_ mg/m³ @ 07:11.
- High Conditions (Upwind) – PID = _0.1_ ppm @ 12:50, Dust = _0.059_ mg/m³ @ 10:44.
- High Conditions (Downwind 1) – PID = _2.4_ ppm @9:30, Dust = _0.103_ mg/m³ @ 14:03.
- High Conditions (Downwind 2) – PID = _0.1_ ppm @9:43, Dust = _0.111_ mg/m³ @ 8:45

Notable Site Conditions:

- Cascade was having issues putting the extension for the sampling tool together, which delayed drilling to the afternoon.
- After IEC began to review the arsenic samples, it was determined that one of the samples was taken from column 25. After a call with the DEC, it was determined that the arsenic sample taken at column 25 at 4'-6' would suffice for a third sample.

Planned for the Next Day/Week:

- Continue ISS pilot testing. One column remains for mixture C and three columns remain for mixture B;
- Once the ISS pilot test is complete, BCG will begin the excavation of the site.



PHOTO LOG

251 DOUGLASS STREET, BROOKLYN, NY



Photo 1-
Representative
photo of
Cascade
conducting a
penetrometer
test.



Photo 2-
Representative
photo of
Cascade putting
together the
additional rod
on the sampling
tool.



Photo 3- Photo of a Portland cement/slag delivery.



Photo 4- Representative photo of spraying ATMOS foam to mitigate nuisance odors.



Photo 5-
Representative
photo of drilling
column 24 with
mixture C.



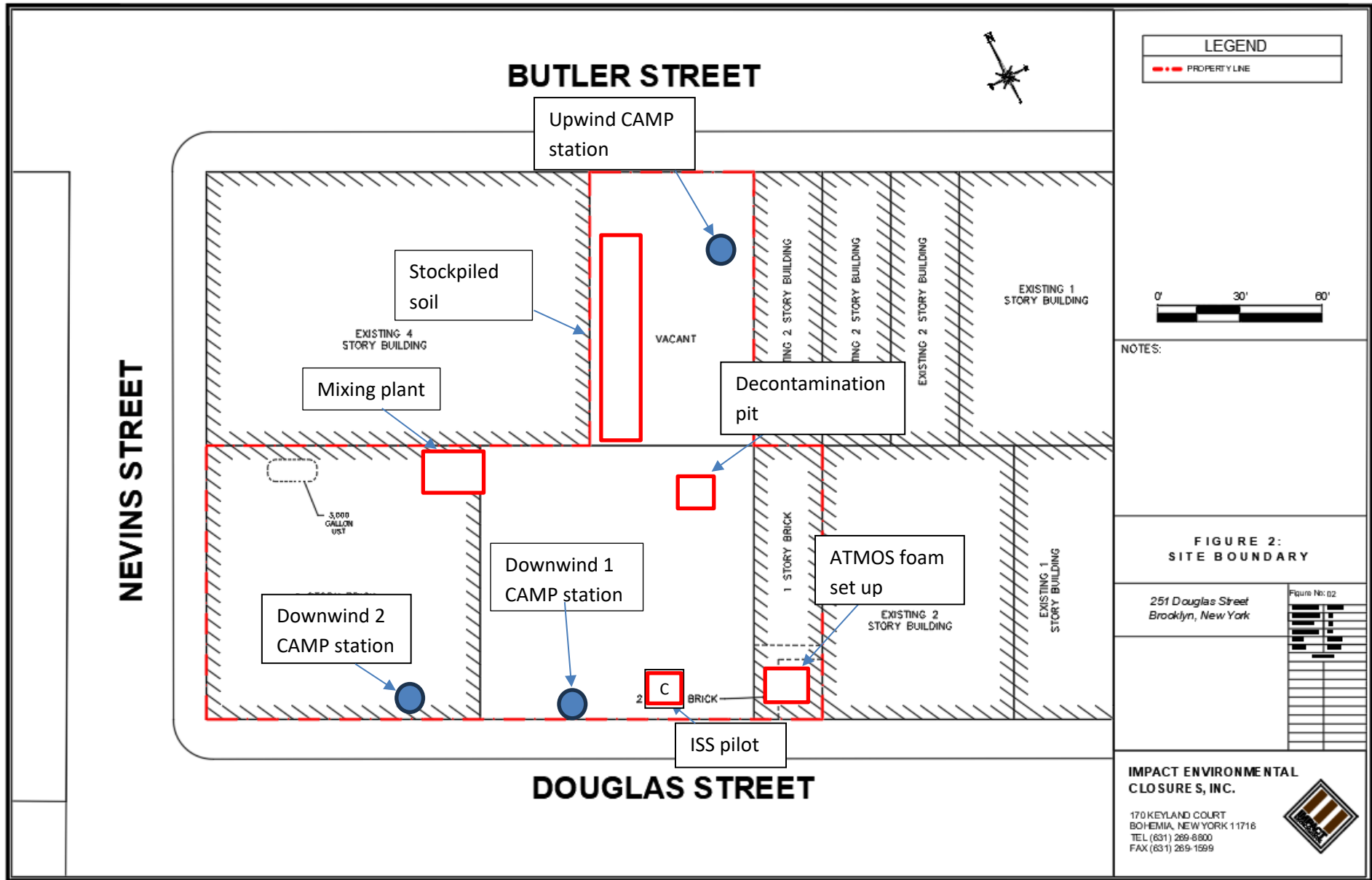
Photo 6-
Representative
photo of the
stockpiled
slurry swell
covered
securely with
poly.



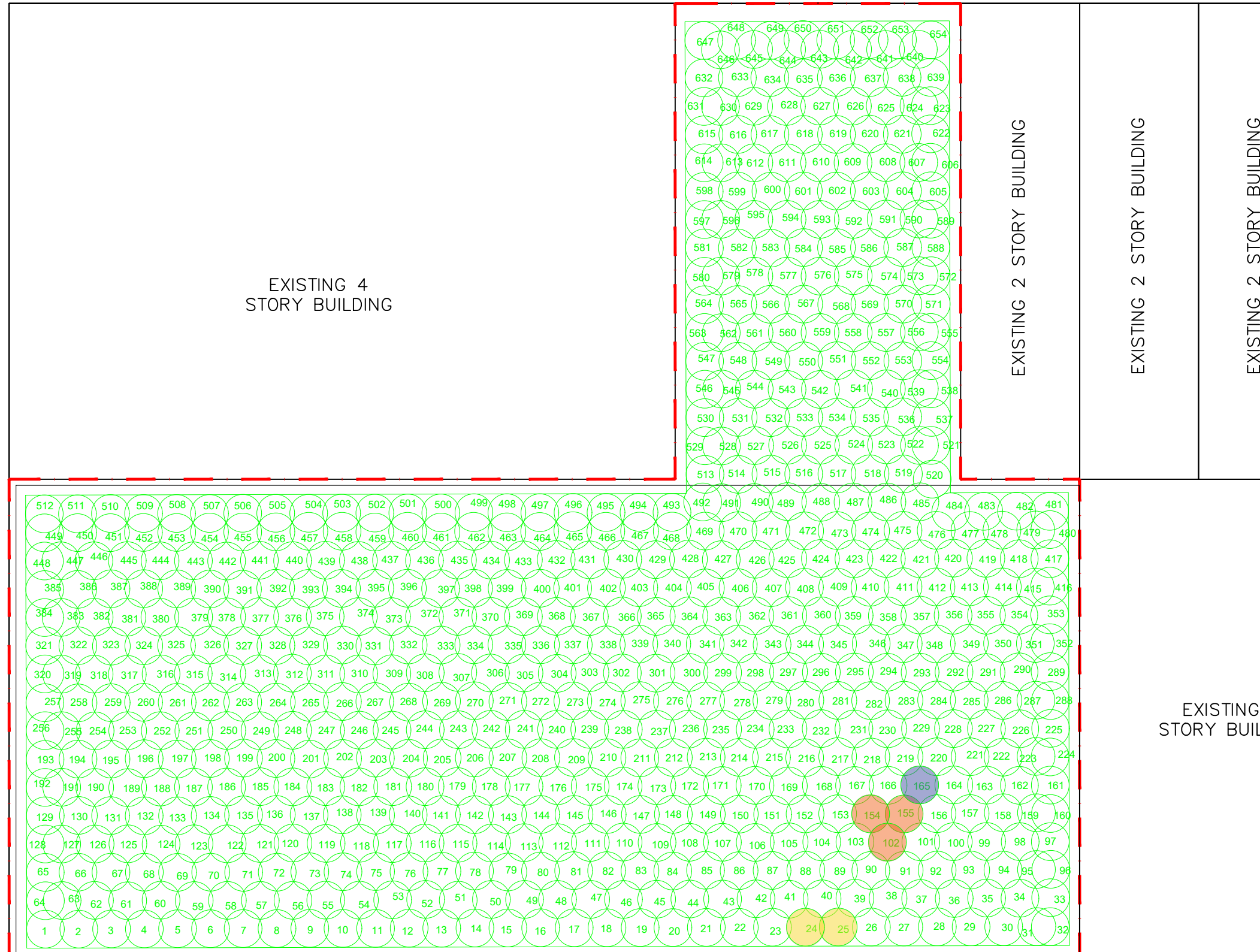
SITE PLANS

251 DOUGLASS STREET, BROOKLYN, NY








NEVINS STREET



LEGEND

-  Mix "A"
-  Mix "B"
-  Mix "C"

Pilot Test Locations

251 Douglass Street
Brooklyn, New York

Figure No: 03

PROJECT NO:	13028-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	1/10/2023
SCALE:	1" = 30'
REVISIONS	

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599



DOUGLASS STREET



IMPACT ENVIRONMENTAL

170 Keyland Court | Bohemia | NY | 11716 | 631.269.8800

welcome to solid ground...

www.impactenvironmental.com

UPWIND CAMP READINGS

251 DOUGLASS STREET, BROOKLYN, NY

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530100909
Firmware Version	3.1
Calibration Date	7/24/2023
Test Name	MANUAL_015
Test Start Time	7:11:58 AM
Test Start Date	11/2/2023
Test Length [D:H:M]	0:09:47
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.059
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	587

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:11	0.007		0.0	
7:12	0.007		0.0	
7:13	0.006		0.0	
7:14	0.006		0.0	
7:15	0.009		0.0	
7:16	0.005		0.0	
7:17	0.004		0.0	
7:18	0.004		0.0	
7:19	0.004		0.0	
7:20	0.005		0.0	
7:21	0.005		0.0	
7:22	0.006		0.0	
7:23	0.005		0.0	
7:24	0.005		0.0	
7:25	0.004		0.0	
7:26	0.003		0.0	
7:27	0.004		0.0	
7:28	0.004		0.0	
7:29	0.007		0.0	
7:30	0.016		0.0	
7:31	0.019		0.0	
7:32	0.026		0.0	
7:33	0.028		0.0	
7:34	0.007		0.0	
7:35	0.006		0.0	
7:36	0.011		0.0	
7:37	0.005		0.0	

7:38	0.006	0.0
7:39	0.007	0.0
7:40	0.008	0.0
7:41	0.013	0.0
7:42	0.007	0.0
7:43	0.013	0.0
7:44	0.017	0.0
7:45	0.017	0.0
7:46	0.012	0.0
7:47	0.009	0.0
7:48	0.008	0.0
7:49	0.005	0.0
7:50	0.005	0.0
7:51	0.004	0.0
7:52	0.004	0.0
7:53	0.011	0.0
7:54	0.021	0.0
7:55	0.015	0.0
7:56	0.012	0.0
7:57	0.018	0.0
7:58	0.015	0.0
7:59	0.019	0.0
8:00	0.015	0.0
8:01	0.009	0.0
8:02	0.018	0.0
8:03	0.028	0.0
8:04	0.02	0.0
8:05	0.033	0.0
8:06	0.017	0.0
8:07	0.018	0.0
8:08	0.042	0.0
8:09	0.032	0.0
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8:15	0.012	0.0
8:16	0.015	0.0
8:17	0.012	0.0
8:18	0.011	0.0
8:19	0.024	0.0
8:20	0.013	0.0
8:21	0.019	0.0
8:22	0.009	0.0
8:23	0.012	0.0
8:24	0.013	0.0

8:25	0.007	0.0
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8:27	0.008	0.0
8:28	0.008	0.0
8:29	0.007	0.0
8:30	0.008	0.0
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8:32	0.01	0.0
8:33	0.007	0.0
8:34	0.006	0.0
8:35	0.005	0.0
8:36	0.004	0.0
8:37	0.01	0.0
8:38	0.02	0.0
8:39	0.011	0.0
8:40	0.005	0.0
8:41	0.009	0.0
8:42	0.008	0.0
8:43	0.008	0.0
8:44	0.029	0.0
8:45	0.014	0.0
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9:00	0.007	0.0
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9:08	0.005	0.0
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14:35	0.004	0.0
14:36	0.004	0.0
14:37	0.004	0.0
14:38	0.006	0.0
14:39	0.009	0.0
14:40	0.006	0.0

14:41	0.005	0.0
14:42	0.007	0.0
14:43	0.007	0.0
14:44	0.006	0.0
14:45	0.005	0.0
14:46	0.005	0.0
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14:50	0.003	0.0
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14:54	0.005	0.0
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14:59	0.006	0.0
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15:01	0.004	0.0
15:02	0.003	0.0
15:03	0.003	0.0
15:04	0.002	0.0
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15:06	0.004	0.0
15:07	0.002	0.0
15:08	0.002	0.0
15:09	0.002	0.0
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15:22	0.006	0.0
15:23	0.004	0.0
15:24	0.005	0.0
15:25	0.005	0.0
15:26	0.008	0.0
15:27	0.005	0.0

15:28	0.004	0.0
15:29	0.005	0.0
15:30	0.004	0.0
15:31	0.009	0.0
15:32	0.005	0.0
15:33	0.006	0.0
15:34	0.005	0.0
15:35	0.005	0.0
15:36	0.006	0.0
15:37	0.008	0.0
15:38	0.006	0.0
15:39	0.009	0.0
15:40	0.005	0.0
15:41	0.006	0.0
15:42	0.005	0.0
15:43	0.004	0.0
15:44	0.006	0.0
15:45	0.005	0.0
15:46	0.005	0.0
15:47	0.005	0.0
15:48	0.006	0.0
15:49	0.006	0.0
15:50	0.004	0.0
15:51	0.006	0.0
15:52	0.005	0.0
15:53	0.005	0.0
15:54	0.005	0.0
15:55	0.004	0.0
15:56	0.006	0.0
15:57	0.007	0.0
15:58	0.005	0.0
15:59	0.005	0.0
16:00	0.005	0.0
16:01	0.019	0.0
16:02	0.007	0.0
16:03	0.004	0.0
16:04	0.003	0.0
16:05	0.004	0.0
16:06	0.007	0.0
16:07	0.004	0.0
16:08	0.008	0.0
16:09	0.006	0.0
16:10	0.006	0.0
16:11	0.005	0.0
16:12	0.004	0.0
16:13	0.006	0.0
16:14	0.018	0.0

16:15	0.015	0.0
16:16	0.014	0.0
16:17	0.009	0.0
16:18	0.008	0.0
16:19	0.008	0.0
16:20	0.006	0.0
16:21	0.008	0.0
16:22	0.005	0.0
16:23	0.009	0.0
16:24	0.004	0.0
16:25	0.004	0.0
16:26	0.005	0.0
16:27	0.005	0.0
16:28	0.004	0.0
16:29	0.006	0.0
16:30	0.007	0.0
16:31	0.007	0.0
16:32	0.006	0.0
16:33	0.006	0.0
16:34	0.005	0.0
16:35	0.007	0.0
16:36	0.005	0.0
16:37	0.004	0.0
16:38	0.004	0.0
16:39	0.004	0.0
16:40	0.004	0.0
16:41	0.005	0.0
16:42	0.005	0.0
16:43	0.005	0.0
16:44	0.004	0.0
16:45	0.004	0.0
16:46	0.004	0.0
16:47	0.004	0.0
16:48	0.004	0.0
16:49	0.004	0.0
16:50	0.004	0.0
16:51	0.006	0.0
16:52	0.006	0.0
16:53	0.005	0.0
16:54	0.003	0.0
16:55	0.004	0.0
16:56	0.003	0.0
16:57	0.003	0.0

DOWNWIND CAMP READINGS

251 DOUGLASS STREET, BROOKLYN, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113005
Firmware Version	3.1
Calibration Date	2/11/2023
Test Name	MANUAL_006
Test Start Time	6:59:57 AM
Test Start Date	11/2/2023
Test Length [D:H:M]	0:09:58
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.103
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	598

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
6:59	0.055		0.4	
7:00	0.014		0.4	
7:01	0.012		0.4	
7:02	0.048		0.4	
7:03	0.035		0.4	
7:04	0.018		0.4	
7:05	0.024		0.4	
7:06	0.051		0.4	
7:07	0.018		0.4	
7:08	0.019		0.4	
7:09	0.019		0.4	
7:10	0.016		0.4	
7:11	0.02		0.4	
7:12	0.027		0.4	
7:13	0.008		0.4	
7:14	0.011		0.4	
7:15	0.016		0.4	
7:16	0.015		0.4	
7:17	0.011		0.4	
7:18	0.007		0.4	
7:19	0.009		0.4	
7:20	0.009		0.4	
7:21	0.007		0.4	
7:22	0.006		0.4	
7:23	0.006		0.4	
7:24	0.007		0.4	
7:25	0.045		0.4	

7:26	0.054	0.4
7:27	0.064	0.4
7:28	0.067	0.4
7:29	0.089	0.4
7:30	0.023	0.4
7:31	0.013	0.4
7:32	0.02	0.4
7:33	0.021	0.4
7:34	0.014	0.4
7:35	0.024	0.4
7:36	0.013	0.4
7:37	0.04	0.4
7:38	0.046	0.4
7:39	0.041	0.5
7:40	0.083	0.4
7:41	0.045	0.4
7:42	0.029	0.4
7:43	0.012	0.4
7:44	0.01	0.5
7:45	0.009	0.5
7:46	0.007	0.4
7:47	0.006	0.4
7:48	0.006	0.4
7:49	0.006	0.4
7:50	0.006	0.4
7:51	0.005	0.4
7:52	0.007	0.4
7:53	0.006	0.4
7:54	0.007	0.4
7:55	0.006	0.4
7:56	0.006	0.4
7:57	0.006	0.4
7:58	0.006	0.4
7:59	0.006	0.4
8:00	0.006	0.4
8:01	0.006	0.4
8:02	0.005	0.4
8:03	0.005	0.4
8:04	0.007	0.4
8:05	0.005	0.5
8:06	0.008	0.4
8:07	0.006	0.4
8:08	0.005	0.4
8:09	0.005	0.4
8:10	0.004	0.4
8:11	0.006	0.4
8:12	0.006	0.4

8:13	0.007	0.4
8:14	0.008	0.4
8:15	0.008	0.4
8:16	0.019	0.4
8:17	0.013	0.4
8:18	0.017	0.4
8:19	0.017	0.4
8:20	0.016	0.4
8:21	0.017	0.4
8:22	0.008	0.4
8:23	0.006	0.4
8:24	0.019	0.4
8:25	0.009	0.4
8:26	0.009	0.4
8:27	0.012	0.4
8:28	0.015	0.4
8:29	0.009	0.4
8:30	0.014	0.4
8:31	0.01	0.4
8:32	0.008	0.4
8:33	0.011	0.4
8:34	0.03	0.4
8:35	0.066	0.4
8:36	0.038	0.4
8:37	0.012	0.4
8:38	0.029	0.4
8:39	0.016	0.4
8:40	0.032	0.4
8:41	0.073	0.4
8:42	0.049	0.4
8:43	0.053	0.4
8:44	0.029	0.4
8:45	0.011	0.4
8:46	0.023	0.4
8:47	0.021	0.4
8:48	0.012	0.4
8:49	0.009	0.4
8:50	0.023	0.5
8:51	0.024	0.6
8:52	0.03	0.8
8:53	0.06	0.8
8:54	0.062	0.4
8:55	0.056	0.4
8:56	0.064	0.4
8:57	0.048	0.4
8:58	0.037	0.4
8:59	0.054	0.4

9:00	0.018	0.4
9:01	0.008	0.4
9:02	0.009	0.4
9:03	0.011	0.4
9:04	0.007	0.4
9:05	0.009	0.4
9:06	0.009	0.4
9:07	0.007	0.4
9:08	0.008	0.4
9:09	0.005	0.4
9:10	0.005	0.4
9:11	0.006	0.4
9:12	0.006	0.4
9:13	0.007	0.4
9:14	0.007	0.4
9:15	0.007	0.4
9:16	0.005	0.4
9:17	0.008	0.4
9:18	0.007	0.4
9:19	0.006	0.4
9:20	0.007	0.4
9:21	0.011	0.4
9:22	0.007	0.4
9:23	0.007	0.4
9:24	0.006	0.4
9:25	0.007	0.4
9:26	0.008	0.5
9:27	0.015	0.7
9:28	0.01	0.5
9:29	0.012	2
9:30	0.007	2.4
9:31	0.006	0.6
9:32	0.06	1.5
9:33	0.089	2.4
9:34	0.028	2.4
9:35	0.009	1.3
9:36	0.018	0.4
9:37	0.014	0.4
9:38	0.009	0.4
9:39	0.01	0.6
9:40	0.015	0.3
9:41	0.016	0.3
9:42	0.021	0.4
9:43	0.013	0.3
9:44	0.016	0.3
9:45	0.027	0.4
9:46	0.019	0.4

9:47	0.032	0.4
9:48	0.031	0.3
9:49	0.035	0.4
9:50	0.029	0.4
9:51	0.023	0.3
9:52	0.019	0.3
9:53	0.014	0.4
9:54	0.041	0.3
9:55	0.038	0.3
9:56	0.047	0.3
9:57	0.032	0.3
9:58	0.036	0.3
9:59	0.055	0.3
10:00	0.032	0.3
10:01	0.019	0.3
10:02	0.025	0.4
10:03	0.014	0.4
10:04	0.013	0.4
10:05	0.039	0.4
10:06	0.015	0.3
10:07	0.015	0.3
10:08	0.013	0.3
10:09	0.014	0.4
10:10	0.026	0.4
10:11	0.021	0.3
10:12	0.011	0.3
10:13	0.023	0.3
10:14	0.015	0.3
10:15	0.029	0.3
10:16	0.022	0.3
10:17	0.017	0.3
10:18	0.011	0.3
10:19	0.012	0.3
10:20	0.009	0.4
10:21	0.019	0.3
10:22	0.02	0.3
10:23	0.013	0.3
10:24	0.014	0.3
10:25	0.016	0.4
10:26	0.023	0.3
10:27	0.019	0.3
10:28	0.009	0.4
10:29	0.012	0.3
10:30	0.021	1.3
10:31	0.035	0.4
10:32	0.013	0.6
10:33	0.013	0.4

10:34	0.015	0.4
10:35	0.012	0.4
10:36	0.013	0.4
10:37	0.032	0.4
10:38	0.02	0.4
10:39	0.01	0.4
10:40	0.012	0.4
10:41	0.033	0.4
10:42	0.026	0.4
10:43	0.019	0.4
10:44	0.011	0.4
10:45	0.01	0.3
10:46	0.014	0.3
10:47	0.013	0.3
10:48	0.013	0.3
10:49	0.017	0.4
10:50	0.014	0.4
10:51	0.014	0.3
10:52	0.014	0.3
10:53	0.012	0.4
10:54	0.015	0.3
10:55	0.014	0.4
10:56	0.013	0.4
10:57	0.013	0.4
10:58	0.016	0.3
10:59	0.011	0.4
11:00	0.011	0.5
11:01	0.01	0.4
11:02	0.012	0.4
11:03	0.014	0.4
11:04	0.009	0.4
11:05	0.017	0.4
11:06	0.031	0.4
11:07	0.034	0.4
11:08	0.025	0.4
11:09	0.013	0.4
11:10	0.01	0.4
11:11	0.011	0.4
11:12	0.018	0.4
11:13	0.032	0.5
11:14	0.058	0.5
11:15	0.033	0.4
11:16	0.013	0.4
11:17	0.012	0.4
11:18	0.013	0.4
11:19	0.013	0.4
11:20	0.013	0.4

11:21	0.01	0.4
11:22	0.011	0.4
11:23	0.01	0.4
11:24	0.011	0.4
11:25	0.011	0.4
11:26	0.015	0.4
11:27	0.012	0.4
11:28	0.018	0.4
11:29	0.02	0.4
11:30	0.01	0.4
11:31	0.009	0.4
11:32	0.009	0.4
11:33	0.009	0.4
11:34	0.01	0.4
11:35	0.009	0.4
11:36	0.009	0.4
11:37	0.008	0.4
11:38	0.011	0.4
11:39	0.01	0.3
11:40	0.018	0.4
11:41	0.011	0.4
11:42	0.023	0.4
11:43	0.016	0.4
11:44	0.01	0.4
11:45	0.011	0.3
11:46	0.016	0.3
11:47	0.016	0.3
11:48	0.037	0.3
11:49	0.044	0.3
11:50	0.025	0.3
11:51	0.028	0.3
11:52	0.021	0.3
11:53	0.023	0.3
11:54	0.026	0.3
11:55	0.022	0.3
11:56	0.016	0.3
11:57	0.011	0.4
11:58	0.009	0.4
11:59	0.01	0.4
12:00	0.013	0.4
12:01	0.02	0.4
12:02	0.024	0.4
12:03	0.029	0.4
12:04	0.015	0.3
12:05	0.013	0.4
12:06	0.009	0.4
12:07	0.016	0.4

12:08	0.016	0.4
12:09	0.013	0.4
12:10	0.009	0.4
12:11	0.016	0.4
12:12	0.014	0.3
12:13	0.009	0.4
12:14	0.011	0.4
12:15	0.011	0.4
12:16	0.016	0.3
12:17	0.017	0.3
12:18	0.013	0.4
12:19	0.014	0.3
12:20	0.011	0.4
12:21	0.022	0.4
12:22	0.013	0.4
12:23	0.01	0.4
12:24	0.01	0.4
12:25	0.01	0.4
12:26	0.013	0.3
12:27	0.019	0.4
12:28	0.011	0.4
12:29	0.013	0.4
12:30	0.013	0.4
12:31	0.039	0.4
12:32	0.022	0.4
12:33	0.019	0.4
12:34	0.025	0.4
12:35	0.011	0.4
12:36	0.013	0.4
12:37	0.011	0.4
12:38	0.009	0.4
12:39	0.008	0.4
12:40	0.009	0.4
12:41	0.01	0.4
12:42	0.009	0.5
12:43	0.008	0.5
12:44	0.01	0.4
12:45	0.01	0.4
12:46	0.012	0.3
12:47	0.009	0.4
12:48	0.01	0.4
12:49	0.01	0.4
12:50	0.009	0.4
12:51	0.011	0.4
12:52	0.009	0.3
12:53	0.028	0.4
12:54	0.01	0.4

12:55	0.012	0.4
12:56	0.036	0.4
12:57	0.014	0.4
12:58	0.008	0.4
12:59	0.008	0.5
13:00	0.026	0.4
13:01	0.015	0.4
13:02	0.015	0.5
13:03	0.01	0.4
13:04	0.01	0.5
13:05	0.009	0.4
13:06	0.015	0.4
13:07	0.013	0.4
13:08	0.008	0.4
13:09	0.01	0.4
13:10	0.013	0.4
13:11	0.01	0.4
13:12	0.01	0.4
13:13	0.011	0.4
13:14	0.009	0.5
13:15	0.01	0.4
13:16	0.009	0.4
13:17	0.008	0.4
13:18	0.01	0.4
13:19	0.012	0.4
13:20	0.009	0.4
13:21	0.009	0.4
13:22	0.012	0.4
13:23	0.015	0.4
13:24	0.014	0.4
13:25	0.014	0.4
13:26	0.028	0.4
13:27	0.021	0.5
13:28	0.024	0.4
13:29	0.012	0.4
13:30	0.008	0.4
13:31	0.01	0.4
13:32	0.01	0.4
13:33	0.01	0.4
13:34	0.013	0.4
13:35	0.008	0.4
13:36	0.036	0.4
13:37	0.017	0.4
13:38	0.016	0.4
13:39	0.017	0.4
13:40	0.01	0.4
13:41	0.009	0.4

13:42	0.009	0.4
13:43	0.01	0.5
13:44	0.01	0.4
13:45	0.012	0.4
13:46	0.015	0.5
13:47	0.016	0.4
13:48	0.012	0.4
13:49	0.031	0.4
13:50	0.013	0.4
13:51	0.015	0.4
13:52	0.026	0.4
13:53	0.012	0.4
13:54	0.009	0.4
13:55	0.008	0.4
13:56	0.01	0.4
13:57	0.009	0.4
13:58	0.013	0.4
13:59	0.01	0.4
14:00	0.009	0.4
14:01	0.009	0.4
14:02	0.035	0.4
14:03	0.103	0.4
14:04	0.014	0.4
14:05	0.01	0.4
14:06	0.013	0.4
14:07	0.016	0.4
14:08	0.014	0.4
14:09	0.019	0.4
14:10	0.017	0.4
14:11	0.012	0.4
14:12	0.01	0.4
14:13	0.009	0.4
14:14	0.009	0.4
14:15	0.008	0.4
14:16	0.008	0.4
14:17	0.01	0.4
14:18	0.01	0.4
14:19	0.011	0.4
14:20	0.017	0.4
14:21	0.016	0.4
14:22	0.013	0.4
14:23	0.015	0.4
14:24	0.012	0.4
14:25	0.017	0.5
14:26	0.014	0.4
14:27	0.012	0.4
14:28	0.011	0.4

14:29	0.012	0.4
14:30	0.009	0.4
14:31	0.009	0.4
14:32	0.006	0.4
14:33	0.01	0.4
14:34	0.016	0.4
14:35	0.012	0.4
14:36	0.025	0.5
14:37	0.014	0.5
14:38	0.011	0.4
14:39	0.012	0.4
14:40	0.013	0.4
14:41	0.012	0.4
14:42	0.011	0.4
14:43	0.01	0.5
14:44	0.009	0.4
14:45	0.007	0.6
14:46	0.006	0.5
14:47	0.007	0.4
14:48	0.009	0.4
14:49	0.015	0.4
14:50	0.013	0.4
14:51	0.013	0.4
14:52	0.014	0.4
14:53	0.012	0.4
14:54	0.01	0.4
14:55	0.008	0.4
14:56	0.036	0.4
14:57	0.009	0.5
14:58	0.008	0.4
14:59	0.006	0.4
15:00	0.006	0.4
15:01	0.006	0.4
15:02	0.006	0.4
15:03	0.007	0.4
15:04	0.008	0.3
15:05	0.006	0.3
15:06	0.006	0.3
15:07	0.009	0.3
15:08	0.009	0.3
15:09	0.011	0.3
15:10	0.01	0.3
15:11	0.01	0.3
15:12	0.009	0.4
15:13	0.009	0.3
15:14	0.009	0.3
15:15	0.012	0.4

15:16	0.008	0.5
15:17	0.009	0.4
15:18	0.008	0.3
15:19	0.008	0.3
15:20	0.013	0.4
15:21	0.008	0.3
15:22	0.035	0.3
15:23	0.049	0.3
15:24	0.008	0.3
15:25	0.01	0.3
15:26	0.008	0.3
15:27	0.007	0.3
15:28	0.019	0.3
15:29	0.013	0.2
15:30	0.014	0.2
15:31	0.007	0.2
15:32	0.009	0.2
15:33	0.016	0.2
15:34	0.013	0.2
15:35	0.009	0.2
15:36	0.009	0.3
15:37	0.008	0.3
15:38	0.008	0.2
15:39	0.015	0.2
15:40	0.01	0.2
15:41	0.009	0.2
15:42	0.008	0.2
15:43	0.009	0.3
15:44	0.009	0.2
15:45	0.009	0.2
15:46	0.009	0.2
15:47	0.009	0.2
15:48	0.009	0.2
15:49	0.01	0.2
15:50	0.01	0.2
15:51	0.011	0.2
15:52	0.009	0.2
15:53	0.01	0.2
15:54	0.009	0.2
15:55	0.008	0.2
15:56	0.009	0.2
15:57	0.011	0.2
15:58	0.009	0.2
15:59	0.009	0.2
16:00	0.007	0.2
16:01	0.006	0.2
16:02	0.006	0.2

16:03	0.006	0.2
16:04	0.007	0.2
16:05	0.009	0.2
16:06	0.009	0.3
16:07	0.01	0.2
16:08	0.009	0.2
16:09	0.008	0.2
16:10	0.009	0.2
16:11	0.012	0.2
16:12	0.02	0.2
16:13	0.014	0.2
16:14	0.01	0.1
16:15	0.009	0.1
16:16	0.016	0.2
16:17	0.016	0.1
16:18	0.036	0.2
16:19	0.015	0.2
16:20	0.01	0.2
16:21	0.008	0.2
16:22	0.009	0.2
16:23	0.008	0.1
16:24	0.007	0.2
16:25	0.01	0.2
16:26	0.009	0.1
16:27	0.01	0.1
16:28	0.01	0.1
16:29	0.012	0.1
16:30	0.009	0.1
16:31	0.008	0.2
16:32	0.009	0.2
16:33	0.009	0.3
16:34	0.009	0.2
16:35	0.012	0.3
16:36	0.008	0.3
16:37	0.007	0.3
16:38	0.007	0.1
16:39	0.007	0.1
16:40	0.009	0.1
16:41	0.009	0.1
16:42	0.008	0.1
16:43	0.008	0.1
16:44	0.007	0.1
16:45	0.007	0.1
16:46	0.017	0.1
16:47	0.013	0.0
16:48	0.014	0.0
16:49	0.011	0.0

16:50	0.008	0.0
16:51	0.007	0.0
16:52	0.009	0.0
16:53	0.009	0.0
16:54	0.009	0.0
16:55	0.006	0.0
16:56	0.006	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173225
Firmware Version	3.1
Calibration Date	11/30/2022
Test Name	MANUAL_017
Test Start Time	7:06:10 AM
Test Start Date	11/2/2023
Test Length [D:H:M]	0:09:58
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.111
Mass TWA [mg/m3]	0.023
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	598

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:06	0.034		0.0	
7:07	0.031		0.0	
7:08	0.018		0.0	
7:09	0.035		0.0	
7:10	0.021		0.0	
7:11	0.012		0.0	
7:12	0.027		0.0	
7:13	0.016		0.0	
7:14	0.014		0.0	
7:15	0.018		0.0	
7:16	0.022		0.0	
7:17	0.012		0.0	
7:18	0.028		0.0	
7:19	0.013		0.0	
7:20	0.017		0.0	
7:21	0.015		0.0	
7:22	0.013		0.0	
7:23	0.014		0.0	
7:24	0.013		0.0	
7:25	0.013		0.0	
7:26	0.011		0.0	
7:27	0.012		0.0	
7:28	0.015		0.0	
7:29	0.083		0.0	
7:30	0.057		0.0	
7:31	0.07		0.0	
7:32	0.103		0.0	

7:33	0.107	0.0
7:34	0.042	0.0
7:35	0.024	0.0
7:36	0.03	0.0
7:37	0.041	0.0
7:38	0.019	0.0
7:39	0.03	0.0
7:40	0.025	0.0
7:41	0.072	0.0
7:42	0.055	0.0
7:43	0.038	0.0
7:44	0.11	0.0
7:45	0.05	0.0
7:46	0.035	0.0
7:47	0.023	0.0
7:48	0.027	0.0
7:49	0.02	0.0
7:50	0.016	0.0
7:51	0.016	0.0
7:52	0.015	0.0
7:53	0.015	0.0
7:54	0.015	0.0
7:55	0.015	0.0
7:56	0.016	0.0
7:57	0.016	0.0
7:58	0.016	0.0
7:59	0.016	0.0
8:00	0.015	0.0
8:01	0.016	0.0
8:02	0.015	0.0
8:03	0.016	0.0
8:04	0.016	0.0
8:05	0.017	0.0
8:06	0.017	0.0
8:07	0.017	0.0
8:08	0.022	0.0
8:09	0.018	0.0
8:10	0.017	0.0
8:11	0.015	0.0
8:12	0.014	0.0
8:13	0.013	0.0
8:14	0.013	0.0
8:15	0.016	0.0
8:16	0.015	0.0
8:17	0.015	0.0
8:18	0.019	0.0
8:19	0.02	0.0

8:20	0.034	0.0
8:21	0.021	0.0
8:22	0.02	0.0
8:23	0.016	0.0
8:24	0.015	0.0
8:25	0.018	0.0
8:26	0.016	0.0
8:27	0.016	0.0
8:28	0.024	0.0
8:29	0.021	0.0
8:30	0.023	0.0
8:31	0.02	0.0
8:32	0.028	0.0
8:33	0.027	0.0
8:34	0.02	0.0
8:35	0.023	0.0
8:36	0.016	0.0
8:37	0.018	0.0
8:38	0.036	0.0
8:39	0.102	0.0
8:40	0.03	0.0
8:41	0.015	0.0
8:42	0.041	0.0
8:43	0.024	0.0
8:44	0.029	0.0
8:45	0.111	0.0
8:46	0.068	0.0
8:47	0.058	0.0
8:48	0.045	0.0
8:49	0.018	0.0
8:50	0.032	0.0
8:51	0.027	0.0
8:52	0.019	0.0
8:53	0.015	0.0
8:54	0.015	0.0
8:55	0.018	0.0
8:56	0.025	0.0
8:57	0.089	0.0
8:58	0.048	0.0
8:59	0.017	0.0
9:00	0.014	0.0
9:01	0.013	0.0
9:02	0.013	0.0
9:03	0.014	0.0
9:04	0.014	0.0
9:05	0.015	0.0
9:06	0.018	0.0

9:07	0.018	0.0
9:08	0.015	0.0
9:09	0.016	0.0
9:10	0.016	0.0
9:11	0.013	0.0
9:12	0.013	0.0
9:13	0.012	0.0
9:14	0.012	0.0
9:15	0.013	0.0
9:16	0.012	0.0
9:17	0.013	0.0
9:18	0.013	0.0
9:19	0.013	0.0
9:20	0.012	0.0
9:21	0.013	0.0
9:22	0.015	0.0
9:23	0.013	0.0
9:24	0.014	0.0
9:25	0.014	0.0
9:26	0.015	0.0
9:27	0.013	0.0
9:28	0.013	0.0
9:29	0.014	0.0
9:30	0.013	0.0
9:31	0.014	0.0
9:32	0.013	0.0
9:33	0.014	0.0
9:34	0.012	0.0
9:35	0.014	0.0
9:36	0.019	0.0
9:37	0.015	0.0
9:38	0.015	0.0
9:39	0.017	0.0
9:40	0.034	0.0
9:41	0.026	0.0
9:42	0.017	0.0
9:43	0.017	0.1
9:44	0.026	0.0
9:45	0.025	0.0
9:46	0.026	0.0
9:47	0.018	0.0
9:48	0.023	0.0
9:49	0.033	0.0
9:50	0.039	0.0
9:51	0.058	0.0
9:52	0.04	0.0
9:53	0.054	0.0

9:54	0.053	0.0
9:55	0.035	0.0
9:56	0.038	0.0
9:57	0.022	0.0
9:58	0.059	0.0
9:59	0.058	0.0
10:00	0.058	0.0
10:01	0.081	0.0
10:02	0.055	0.0
10:03	0.079	0.0
10:04	0.055	0.0
10:05	0.069	0.0
10:06	0.052	0.0
10:07	0.029	0.0
10:08	0.031	0.0
10:09	0.063	0.0
10:10	0.052	0.0
10:11	0.032	0.0
10:12	0.048	0.0
10:13	0.06	0.0
10:14	0.047	0.0
10:15	0.056	0.0
10:16	0.031	0.0
10:17	0.041	0.0
10:18	0.033	0.0
10:19	0.057	0.0
10:20	0.047	0.0
10:21	0.043	0.0
10:22	0.024	0.0
10:23	0.026	0.0
10:24	0.019	0.0
10:25	0.044	0.0
10:26	0.029	0.0
10:27	0.024	0.0
10:28	0.022	0.0
10:29	0.024	0.0
10:30	0.039	0.0
10:31	0.042	0.0
10:32	0.026	0.0
10:33	0.022	0.0
10:34	0.024	0.0
10:35	0.034	0.0
10:36	0.024	0.0
10:37	0.021	0.0
10:38	0.023	0.0
10:39	0.022	0.0
10:40	0.021	0.0

10:41	0.062	0.0
10:42	0.022	0.0
10:43	0.019	0.0
10:44	0.02	0.0
10:45	0.046	0.0
10:46	0.034	0.0
10:47	0.029	0.0
10:48	0.02	0.0
10:49	0.02	0.0
10:50	0.021	0.0
10:51	0.022	0.0
10:52	0.021	0.0
10:53	0.026	0.0
10:54	0.024	0.0
10:55	0.029	0.0
10:56	0.022	0.0
10:57	0.019	0.0
10:58	0.024	0.0
10:59	0.022	0.0
11:00	0.019	0.0
11:01	0.021	0.0
11:02	0.022	0.0
11:03	0.019	0.0
11:04	0.02	0.0
11:05	0.018	0.0
11:06	0.021	0.0
11:07	0.022	0.0
11:08	0.018	0.0
11:09	0.031	0.0
11:10	0.044	0.0
11:11	0.075	0.0
11:12	0.034	0.0
11:13	0.021	0.0
11:14	0.019	0.0
11:15	0.018	0.0
11:16	0.019	0.0
11:17	0.055	0.0
11:18	0.065	0.0
11:19	0.042	0.0
11:20	0.02	0.0
11:21	0.032	0.0
11:22	0.043	0.0
11:23	0.022	0.0
11:24	0.018	0.0
11:25	0.018	0.0
11:26	0.016	0.0
11:27	0.017	0.0

11:28	0.021	0.0
11:29	0.016	0.0
11:30	0.017	0.0
11:31	0.018	0.0
11:32	0.02	0.0
11:33	0.023	0.0
11:34	0.018	0.0
11:35	0.017	0.0
11:36	0.015	0.0
11:37	0.015	0.0
11:38	0.016	0.0
11:39	0.016	0.0
11:40	0.015	0.0
11:41	0.015	0.0
11:42	0.016	0.0
11:43	0.015	0.0
11:44	0.017	0.0
11:45	0.029	0.0
11:46	0.075	0.0
11:47	0.032	0.0
11:48	0.018	0.0
11:49	0.028	0.0
11:50	0.041	0.0
11:51	0.025	0.0
11:52	0.044	0.0
11:53	0.041	0.0
11:54	0.024	0.0
11:55	0.034	0.0
11:56	0.033	0.0
11:57	0.052	0.0
11:58	0.021	0.0
11:59	0.019	0.0
12:00	0.015	0.0
12:01	0.014	0.0
12:02	0.013	0.0
12:03	0.013	0.0
12:04	0.017	0.0
12:05	0.018	0.0
12:06	0.017	0.0
12:07	0.014	0.0
12:08	0.014	0.0
12:09	0.013	0.0
12:10	0.013	0.0
12:11	0.012	0.0
12:12	0.016	0.0
12:13	0.015	0.0
12:14	0.013	0.0

12:15	0.02	0.0
12:16	0.022	0.0
12:17	0.013	0.0
12:18	0.014	0.0
12:19	0.014	0.0
12:20	0.018	0.0
12:21	0.019	0.0
12:22	0.022	0.0
12:23	0.029	0.0
12:24	0.014	0.0
12:25	0.036	0.0
12:26	0.016	0.0
12:27	0.015	0.0
12:28	0.013	0.0
12:29	0.018	0.0
12:30	0.048	0.0
12:31	0.033	0.0
12:32	0.015	0.0
12:33	0.014	0.0
12:34	0.018	0.0
12:35	0.057	0.0
12:36	0.038	0.0
12:37	0.026	0.0
12:38	0.022	0.0
12:39	0.015	0.0
12:40	0.015	0.0
12:41	0.013	0.0
12:42	0.013	0.0
12:43	0.012	0.0
12:44	0.012	0.0
12:45	0.014	0.0
12:46	0.013	0.0
12:47	0.012	0.0
12:48	0.012	0.0
12:49	0.013	0.0
12:50	0.012	0.0
12:51	0.013	0.0
12:52	0.013	0.0
12:53	0.012	0.0
12:54	0.012	0.0
12:55	0.013	0.0
12:56	0.012	0.0
12:57	0.012	0.0
12:58	0.012	0.0
12:59	0.012	0.0
13:00	0.013	0.0
13:01	0.011	0.0

13:02	0.011	0.0
13:03	0.011	0.0
13:04	0.035	0.0
13:05	0.023	0.0
13:06	0.024	0.0
13:07	0.013	0.0
13:08	0.013	0.0
13:09	0.011	0.0
13:10	0.021	0.0
13:11	0.018	0.0
13:12	0.012	0.0
13:13	0.013	0.0
13:14	0.011	0.0
13:15	0.015	0.0
13:16	0.018	0.0
13:17	0.013	0.0
13:18	0.011	0.0
13:19	0.011	0.0
13:20	0.012	0.0
13:21	0.01	0.0
13:22	0.015	0.0
13:23	0.011	0.0
13:24	0.012	0.0
13:25	0.014	0.0
13:26	0.017	0.0
13:27	0.02	0.0
13:28	0.016	0.0
13:29	0.015	0.0
13:30	0.013	0.0
13:31	0.024	0.0
13:32	0.025	0.0
13:33	0.013	0.0
13:34	0.014	0.0
13:35	0.012	0.0
13:36	0.012	0.0
13:37	0.021	0.0
13:38	0.021	0.0
13:39	0.015	0.0
13:40	0.015	0.0
13:41	0.021	0.0
13:42	0.022	0.0
13:43	0.018	0.0
13:44	0.013	0.0
13:45	0.011	0.0
13:46	0.011	0.0
13:47	0.011	0.0
13:48	0.012	0.0

13:49	0.014	0.0
13:50	0.015	0.0
13:51	0.015	0.0
13:52	0.012	0.0
13:53	0.025	0.0
13:54	0.014	0.0
13:55	0.015	0.0
13:56	0.015	0.0
13:57	0.015	0.0
13:58	0.011	0.0
13:59	0.01	0.0
14:00	0.011	0.0
14:01	0.012	0.0
14:02	0.012	0.0
14:03	0.013	0.0
14:04	0.014	0.0
14:05	0.011	0.0
14:06	0.012	0.0
14:07	0.021	0.0
14:08	0.013	0.0
14:09	0.013	0.0
14:10	0.022	0.0
14:11	0.02	0.0
14:12	0.022	0.0
14:13	0.017	0.0
14:14	0.012	0.0
14:15	0.013	0.0
14:16	0.013	0.0
14:17	0.011	0.0
14:18	0.011	0.0
14:19	0.01	0.0
14:20	0.01	0.0
14:21	0.01	0.0
14:22	0.011	0.0
14:23	0.012	0.0
14:24	0.016	0.0
14:25	0.016	0.0
14:26	0.013	0.0
14:27	0.015	0.0
14:28	0.014	0.0
14:29	0.016	0.0
14:30	0.021	0.0
14:31	0.013	0.0
14:32	0.013	0.0
14:33	0.01	0.0
14:34	0.01	0.0
14:35	0.012	0.0

14:36	0.01	0.0
14:37	0.032	0.0
14:38	0.013	0.0
14:39	0.038	0.0
14:40	0.017	0.0
14:41	0.012	0.0
14:42	0.014	0.0
14:43	0.014	0.0
14:44	0.015	0.0
14:45	0.014	0.0
14:46	0.014	0.0
14:47	0.014	0.0
14:48	0.012	0.0
14:49	0.01	0.0
14:50	0.01	0.0
14:51	0.011	0.0
14:52	0.015	0.0
14:53	0.012	0.0
14:54	0.013	0.0
14:55	0.014	0.0
14:56	0.012	0.0
14:57	0.013	0.0
14:58	0.013	0.0
14:59	0.013	0.0
15:00	0.037	0.0
15:01	0.015	0.0
15:02	0.012	0.0
15:03	0.011	0.0
15:04	0.011	0.0
15:05	0.011	0.0
15:06	0.012	0.0
15:07	0.012	0.0
15:08	0.012	0.0
15:09	0.011	0.0
15:10	0.01	0.0
15:11	0.012	0.0
15:12	0.013	0.0
15:13	0.014	0.0
15:14	0.016	0.0
15:15	0.014	0.0
15:16	0.014	0.0
15:17	0.014	0.0
15:18	0.017	0.0
15:19	0.016	0.0
15:20	0.021	0.0
15:21	0.011	0.0
15:22	0.014	0.0

15:23	0.012	0.0
15:24	0.019	0.0
15:25	0.015	0.0
15:26	0.036	0.0
15:27	0.018	0.0
15:28	0.013	0.0
15:29	0.014	0.0
15:30	0.014	0.0
15:31	0.012	0.0
15:32	0.025	0.0
15:33	0.017	0.0
15:34	0.028	0.0
15:35	0.013	0.0
15:36	0.015	0.0
15:37	0.019	0.0
15:38	0.018	0.0
15:39	0.014	0.0
15:40	0.014	0.0
15:41	0.014	0.0
15:42	0.014	0.0
15:43	0.013	0.0
15:44	0.013	0.0
15:45	0.014	0.0
15:46	0.014	0.0
15:47	0.014	0.0
15:48	0.014	0.0
15:49	0.014	0.0
15:50	0.015	0.0
15:51	0.015	0.0
15:52	0.014	0.0
15:53	0.015	0.0
15:54	0.027	0.0
15:55	0.017	0.0
15:56	0.015	0.0
15:57	0.015	0.0
15:58	0.016	0.0
15:59	0.015	0.0
16:00	0.016	0.0
16:01	0.016	0.0
16:02	0.016	0.0
16:03	0.015	0.0
16:04	0.014	0.0
16:05	0.014	0.0
16:06	0.013	0.0
16:07	0.013	0.0
16:08	0.014	0.0
16:09	0.014	0.0

16:10	0.015	0.0
16:11	0.015	0.0
16:12	0.016	0.0
16:13	0.015	0.0
16:14	0.016	0.0
16:15	0.016	0.0
16:16	0.017	0.0
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16:18	0.017	0.0
16:19	0.016	0.0
16:20	0.019	0.0
16:21	0.019	0.0
16:22	0.019	0.0
16:23	0.018	0.0
16:24	0.017	0.0
16:25	0.017	0.0
16:26	0.017	0.0
16:27	0.015	0.0
16:28	0.016	0.0
16:29	0.015	0.0
16:30	0.017	0.0
16:31	0.018	0.0
16:32	0.019	0.0
16:33	0.018	0.0
16:34	0.017	0.0
16:35	0.017	0.0
16:36	0.017	0.0
16:37	0.016	0.0
16:38	0.016	0.0
16:39	0.017	0.0
16:40	0.016	0.0
16:41	0.015	0.0
16:42	0.015	0.0
16:43	0.016	0.0
16:44	0.018	0.0
16:45	0.018	0.0
16:46	0.017	0.0
16:47	0.018	0.0
16:48	0.015	0.0
16:49	0.022	0.0
16:50	0.018	0.0
16:51	0.018	0.0
16:52	0.02	0.0
16:53	0.021	0.0
16:54	0.021	0.0
16:55	0.022	0.0
16:56	0.02	0.0

16:57	0.02	0.0
16:58	0.018	0.0
16:59	0.017	0.0
17:00	0.016	0.0
17:01	0.016	0.0
17:02	0.017	0.0
17:03	0.016	0.0