



**DAILY STATUS REPORT**

**Prepared By:**

Thomas Jensen

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

<b>IEC Project No:</b>	13928	<b>NYSDEC BCP Site No:</b>	C224367	<b>Date:</b> 02/21/24
<b>Project:</b>	251 Douglass Street, Brooklyn, NY			

<p><b>Consultant:</b> Impact Environmental Engineering and Geology, PLLC (IEEG)</p> <p>Time On: 06:30 Time Out: 18:00</p>	<p><b>Personnel On Site:</b> IEEG (Environmental) –Thomas Jensen Broadway Construction Group - Tom Caporale Cascade NYSDEC WSP</p> <p><b>Equipment On Site:</b> Minirae 3000 PID, DustTrak II</p>
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**Scope of Work:** Cascade continues full scale ISS.

**Site Activities:**

- Deploy three (3) CAMPs at the Start of the work day; and
- Cascade drilled column 631, column spec below:
  - The column was 8’ diameter and drilled 51’ deep from Site grade;
  - A wet sample was taken at 19.3.’ (23.3’ from sidewalk grade);
  - The column consisted of a total of 25 batches;
  - A pause while drilling the column started at 08:58 to 09:45 due to an obstruction at 3’/4’ bgs.

**Community Air Monitoring Program (CAMP) - CAMP** action level for dust (0.1 mg/m<sup>3</sup>) 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;
- Startup Upwind Conditions – PID = \_0.0\_ ppm, Dust = \_0.049\_ mg/m<sup>3</sup> @ 06:50
- High Conditions (Upwind) – PID = \_1.7\_ ppm @ 10:11, Dust = \_0.285\_ mg/m<sup>3</sup> @ 09:31
- High Conditions (Downwind 1) – PID = \_1.2\_ ppm @ 09:31, Dust = \_0.044\_ mg/m<sup>3</sup> @ 07:55
- High Conditions (Downwind 2) – PID = \_2.2\_ ppm @ 09:32 Dust = \_0.027\_ mg/m<sup>3</sup> @ 06:49

**Notable Site Conditions:**

- While drilling columns 614 an obstruction was encountered at 3'/4'. An excavator attempted to remove the obstruction from 14:10 to 14:14. The obstruction couldn't be removed and Marnie from the NYSDEC said that the column can be temporary abandoned until a jackhammer is brought to the site to remove the obstruction and the column can be drilled through.
- While attempting to drill column 598 (column next to 614) an obstruction was encountered at 3'/4'. It was determined that the obstruction could be an overpour from the adjacent building foundation. The area will be excavated to determine the extent and what the obstruction is.
- Marnie from the NYSDEC said that swell from the area of drilling can be used to berm that area to prevent runoff of water and material across the site.

**Planned for the Next Day/Week:**

- Continuation of ISS columns; and
- Expose the obstructions on the eastern portion of the northern lot.



**PHOTO LOG**

251 DOUGLASS STREET, BROOKLYN, NY



**Photo 1-**

Representative photo of Cascade collecting a sample from the sampling rod.



**Photo 2 –**

Representative photo of stockpiles covered with poly at the end of the day.



**Photo 3-**  
Representative  
photo of ISS  
Column 631.



**Photo 4-**  
Representative  
photo of  
attempting to  
remove an  
obstruction.



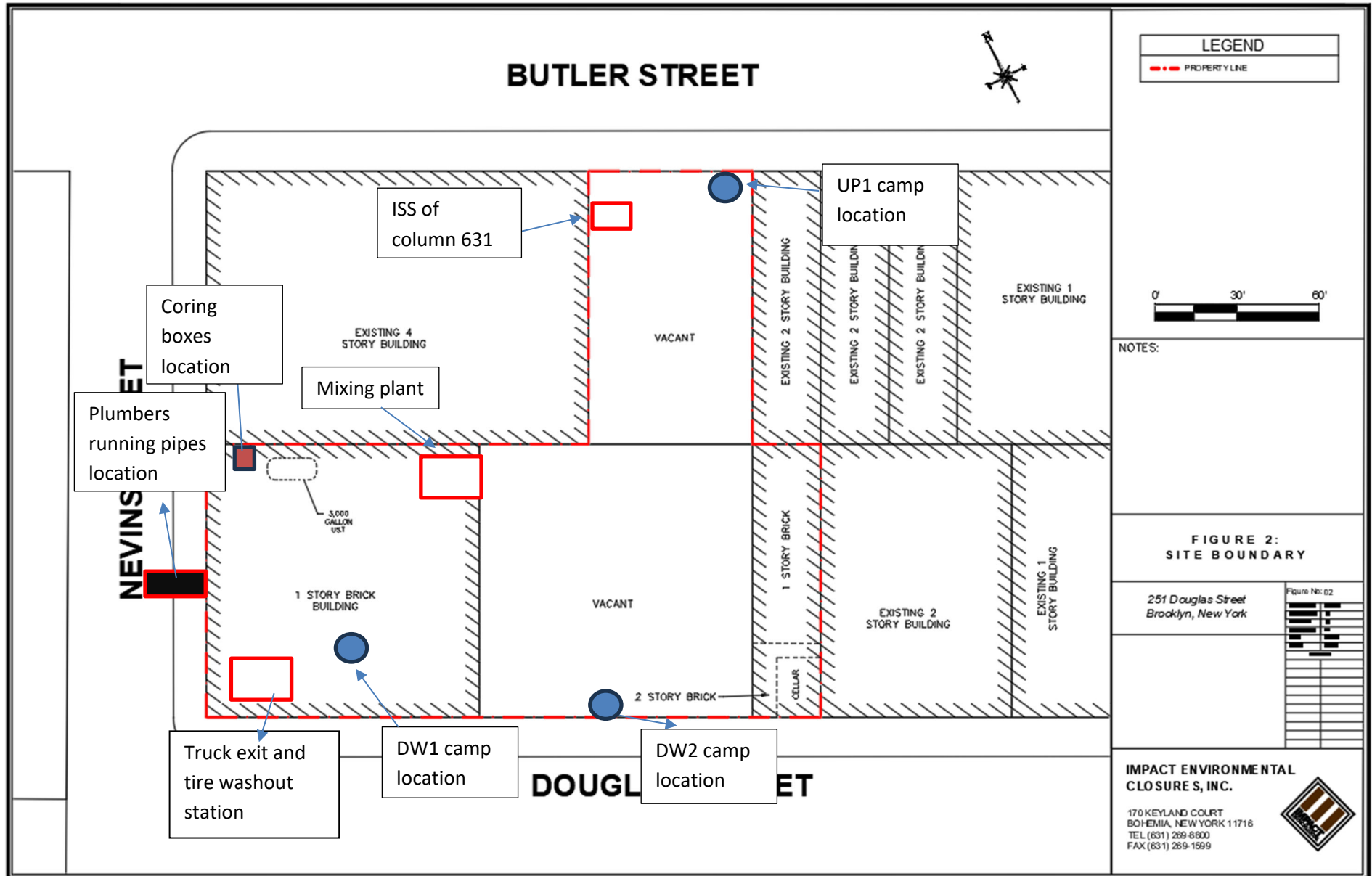
**Photo 5-**  
Representative  
photo of the  
material  
collected for  
the wet mix  
sample.



**SITE PLANS**

251 DOUGLASS STREET, BROOKLYN, NY

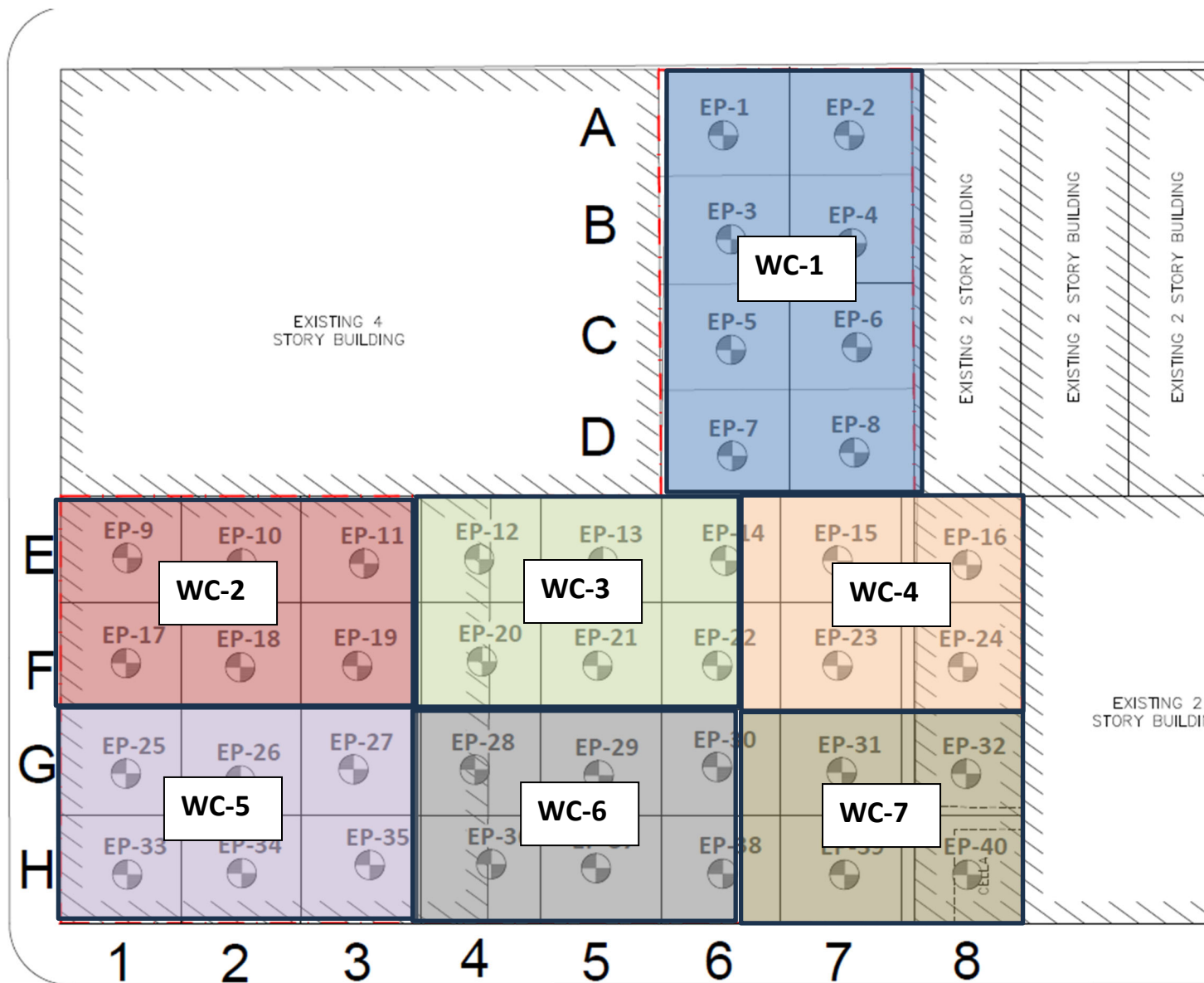








# NEVINS STREET



# SCM Report

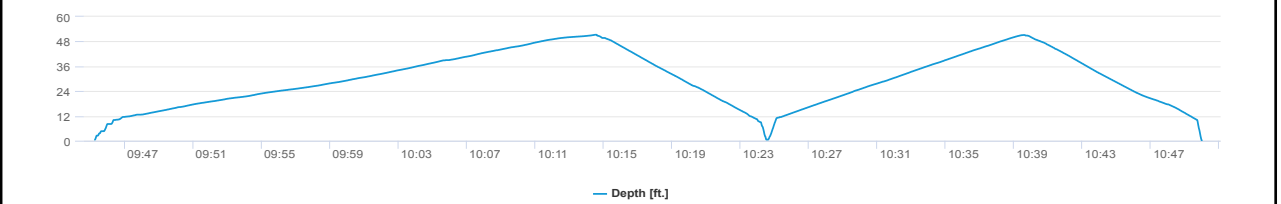
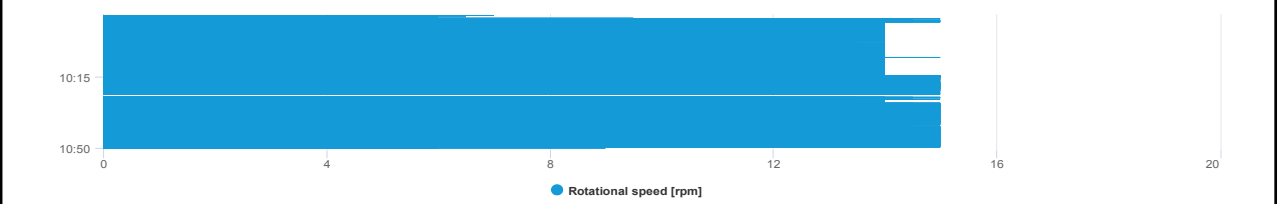
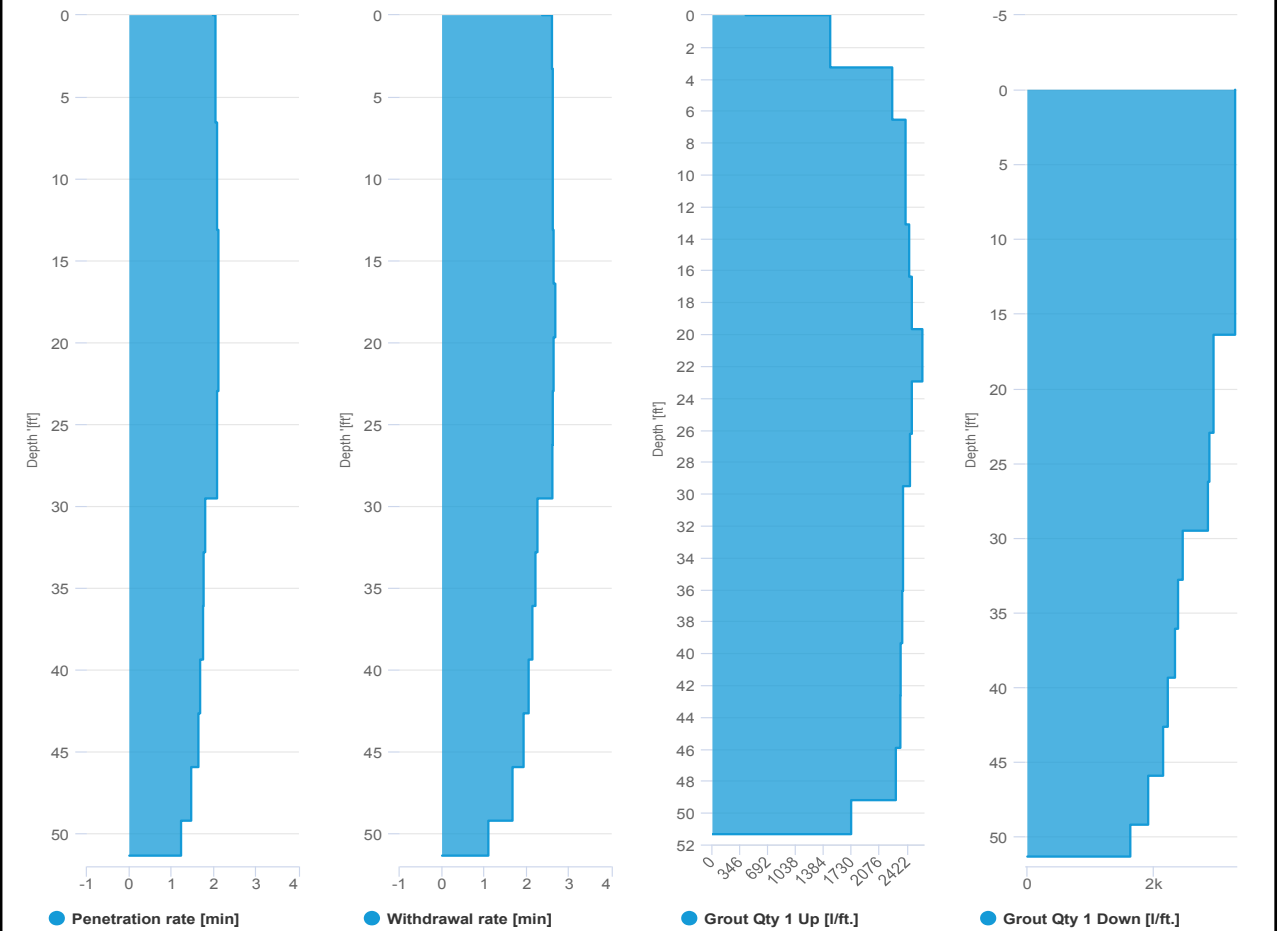


Project name: Douglass Street BCG ISS      Element name: c631b (2nd Pass)  
 Project number

Start date: 02/21/2024

Drilling rig: BG36H\_5717

<b>Details</b>		Start time: 09:45 AM	
Max. depth: 51.34 ft.		End Date: 02/21/2024	
Volume/m 1: 39.55 ft³		End time: 10:50 AM	
		Production duration: 01:05:11	
		Total suspension quantity:	





**IMPACT ENVIRONMENTAL**

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170 Keyland Court | Bohemia | NY | 11716 | 631.269.8800

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**UPWIND CAMP READINGS**

251 DOUGLASS STREET, BROOKLYN, NY

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530224601
Firmware Version	3.1
Calibration Date	11/9/2022
Test Name	MANUAL_006
Test Start Time	6:50:34 AM
Test Start Date	2/21/2024
Test Length [D:H:M]	0:10:15
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.285
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	615

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
6:50	0.049		
6:51	0.021		
6:52	0.022		
6:53	0.024		
6:54	0.022		
6:55	0.021		
6:56	0.019		
6:57	0.019		
6:58	0.02		
6:59	0.025		
7:00	0.027		
7:01	0.028		
7:02	0.029		
7:03	0.03		
7:04	0.03		
7:05	0.028		
7:06	0.028		
7:07	0.029		
7:08	0.022		
7:09	0.022		
7:10	0.021		
7:11	0.02		
7:12	0.023		
7:13	0.024		
7:14	0.022		
7:15	0.021		
7:16	0.023		

7:17	0.024
7:18	0.025
7:19	0.025
7:20	0.021
7:21	0.019
7:22	0.019
7:23	0.018
7:24	0.018
7:25	0.019
7:26	0.02
7:27	0.021
7:28	0.022
7:29	0.022
7:30	0.02
7:31	0.024
7:32	0.024
7:33	0.02
7:34	0.021
7:35	0.024
7:36	0.028
7:37	0.031
7:38	0.031
7:39	0.032
7:40	0.025
7:41	0.025
7:42	0.028
7:43	0.031
7:44	0.03
7:45	0.022
7:46	0.023
7:47	0.043
7:48	0.078
7:49	0.058
7:50	0.031
7:51	0.035
7:52	0.028
7:53	0.03
7:54	0.029
7:55	0.028
7:56	0.035
7:57	0.026
7:58	0.023
7:59	0.024
8:00	0.022
8:01	0.023
8:02	0.028
8:03	0.042

8:04	0.043
8:05	0.044
8:06	0.077
8:07	0.103
8:08	0.062
8:09	0.06
8:10	0.07
8:11	0.045
8:12	0.03
8:13	0.031
8:14	0.034
8:15	0.033
8:16	0.032
8:17	0.033
8:18	0.048
8:19	0.048
8:20	0.046
8:21	0.051
8:22	0.034
8:23	0.029
8:24	0.041
8:25	0.025
8:26	0.023
8:27	0.022
8:28	0.021
8:29	0.022
8:30	0.027
8:31	0.031
8:32	0.031
8:33	0.027
8:34	0.025
8:35	0.027
8:36	0.023
8:37	0.022
8:38	0.021
8:39	0.023
8:40	0.024
8:41	0.023
8:42	0.023
8:43	0.023
8:44	0.026
8:45	0.018
8:46	0.019
8:47	0.02
8:48	0.02
8:49	0.032
8:50	0.036

8:51	0.023
8:52	0.019
8:53	0.018
8:54	0.019
8:55	0.018
8:56	0.018
8:57	0.017
8:58	0.018
8:59	0.018
9:00	0.019
9:01	0.019
9:02	0.021
9:03	0.02
9:04	0.02
9:05	0.02
9:06	0.019
9:07	0.018
9:08	0.021
9:09	0.025
9:10	0.021
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9:12	0.023
9:13	0.024
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9:19	0.026
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9:22	0.022
9:23	0.022
9:24	0.019
9:25	0.018
9:26	0.018
9:27	0.016
9:28	0.015
9:29	0.031
9:30	0.032
9:31	0.285
9:32	0.065
9:33	0.022
9:34	0.019
9:35	0.024
9:36	0.016
9:37	0.017



9:38	0.015
9:39	0.017
9:40	0.025
9:41	0.021
9:42	0.019
9:43	0.017
9:44	0.019
9:45	0.02
9:46	0.037
9:47	0.022
9:48	0.021
9:49	0.042
9:50	0.086
9:51	0.061
9:52	0.034
9:53	0.021
9:54	0.018
9:55	0.023
9:56	0.021
9:57	0.022
9:58	0.019
9:59	0.02
10:00	0.019
10:01	0.025
10:02	0.022
10:03	0.022
10:04	0.033
10:05	0.026
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11:56	0.012
11:57	0.012
11:58	0.011

11:59	0.01
12:00	0.01
12:01	0.01
12:02	0.01
12:03	0.01
12:04	0.009
12:05	0.008
12:06	0.011
12:07	0.011
12:08	0.01
12:09	0.011
12:10	0.011
12:11	0.01
12:12	0.013
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12:24	0.013
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12:33	0.01
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12:37	0.01
12:38	0.012
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12:40	0.011
12:41	0.01
12:42	0.01
12:43	0.01
12:44	0.011
12:45	0.028

12:46	0.013
12:47	0.011
12:48	0.01
12:49	0.009
12:50	0.009
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12:52	0.01
12:53	0.009
12:54	0.01
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12:56	0.012
12:57	0.015
12:58	0.014
12:59	0.011
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14:02	0.016
14:03	0.014
14:04	0.014
14:05	0.019
14:06	0.012
14:07	0.016
14:08	0.014
14:09	0.012
14:10	0.011
14:11	0.016
14:12	0.019
14:13	0.014
14:14	0.02
14:15	0.015
14:16	0.013
14:17	0.011
14:18	0.013
14:19	0.012

14:20	0.011
14:21	0.015
14:22	0.014
14:23	0.015
14:24	0.018
14:25	0.018
14:26	0.018
14:27	0.018
14:28	0.011
14:29	0.018
14:30	0.016
14:31	0.018
14:32	0.018
14:33	0.016
14:34	0.016
14:35	0.011
14:36	0.01
14:37	0.013
14:38	0.014
14:39	0.01
14:40	0.01
14:41	0.01
14:42	0.01
14:43	0.011
14:44	0.01
14:45	0.01
14:46	0.013
14:47	0.018
14:48	0.011
14:49	0.011
14:50	0.013
14:51	0.011
14:52	0.01
14:53	0.011
14:54	0.01
14:55	0.011
14:56	0.013
14:57	0.013
14:58	0.013
14:59	0.012
15:00	0.012
15:01	0.011
15:02	0.013
15:03	0.022
15:04	0.013
15:05	0.022
15:06	0.018

15:07	0.011
15:08	0.011
15:09	0.01
15:10	0.01
15:11	0.01
15:12	0.012
15:13	0.011
15:14	0.011
15:15	0.01
15:16	0.009
15:17	0.011
15:18	0.01
15:19	0.01
15:20	0.012
15:21	0.01
15:22	0.009
15:23	0.01
15:24	0.015
15:25	0.015
15:26	0.012
15:27	0.016
15:28	0.012
15:29	0.017
15:30	0.016
15:31	0.015
15:32	0.015
15:33	0.014
15:34	0.012
15:35	0.011
15:36	0.009
15:37	0.012
15:38	0.015
15:39	0.011
15:40	0.011
15:41	0.01
15:42	0.009
15:43	0.01
15:44	0.01
15:45	0.01
15:46	0.012
15:47	0.012
15:48	0.011
15:49	0.01
15:50	0.01
15:51	0.01
15:52	0.009
15:53	0.009



15:54	0.015
15:55	0.015
15:56	0.009
15:57	0.009
15:58	0.013
15:59	0.013
16:00	0.036
16:01	0.029
16:02	0.043
16:03	0.03
16:04	0.033
16:05	0.049
16:06	0.056
16:07	0.019
16:08	0.023
16:09	0.02
16:10	0.009
16:11	0.01
16:12	0.013
16:13	0.01
16:14	0.013
16:15	0.011
16:16	0.028
16:17	0.017
16:18	0.01
16:19	0.01
16:20	0.012
16:21	0.01
16:22	0.008
16:23	0.015
16:24	0.021
16:25	0.012
16:26	0.016
16:27	0.01
16:28	0.016
16:29	0.011
16:30	0.01
16:31	0.017
16:32	0.02
16:33	0.03
16:34	0.026
16:35	0.022
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16:41	0.017
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16:43	0.01
16:44	0.008
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16:47	0.011
16:48	0.011
16:49	0.009
16:50	0.007
16:51	0.007
16:52	0.01
16:53	0.008
16:54	0.008
16:55	0.008
16:56	0.008
16:57	0.009
16:58	0.007
16:59	0.007
17:00	0.007
17:01	0.01
17:02	0.011
17:03	0.026
17:04	0.009

























**DOWNWIND CAMP READINGS**

251 DOUGLASS STREET, BROOKLYN, NY



Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533181205
Firmware Version	3.1
Calibration Date	5/31/2023
Test Name	MANUAL_004
Test Start Time	6:42:25 AM
Test Start Date	2/21/2024
Test Length [D:H:M]	0:10:31
Test Interval [M:S]	1:00
PM10 Average [mg/m3]	0.01
PM10 Minimum [mg/m3]	0.003
PM10 Maximum [mg/m3]	0.068
PM10 TWA [mg/m3]	0.011
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	631

Elapsed Time [s]	PM10 [mg/m3]	Alarms	Errors
6:42	0.03		
6:43	0.018		
6:44	0.016		
6:45	0.016		
6:46	0.015		
6:47	0.015		
6:48	0.014		
6:49	0.014		
6:50	0.015		
6:51	0.014		
6:52	0.016		
6:53	0.016		
6:54	0.015		
6:55	0.014		
6:56	0.013		
6:57	0.013		
6:58	0.015		
6:59	0.016		
7:00	0.016		
7:01	0.017		
7:02	0.018		
7:03	0.018		
7:04	0.017		
7:05	0.017		
7:06	0.018		
7:07	0.016		

7:08	0.014
7:09	0.015
7:10	0.013
7:11	0.014
7:12	0.015
7:13	0.015
7:14	0.014
7:15	0.015
7:16	0.017
7:17	0.016
7:18	0.016
7:19	0.013
7:20	0.013
7:21	0.023
7:22	0.02
7:23	0.016
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7:27	0.015
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7:31	0.016
7:32	0.018
7:33	0.014
7:34	0.017
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7:36	0.018
7:37	0.02
7:38	0.028
7:39	0.023
7:40	0.016
7:41	0.021
7:42	0.018
7:43	0.019
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7:45	0.016
7:46	0.018
7:47	0.019
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7:49	0.019
7:50	0.021
7:51	0.019
7:52	0.019
7:53	0.02
7:54	0.027



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13:23	0.006

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13:26	0.008
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13:28	0.008
13:29	0.007
13:30	0.006
13:31	0.007
13:32	0.006
13:33	0.006
13:34	0.006
13:35	0.006
13:36	0.01
13:37	0.009
13:38	0.008
13:39	0.006
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13:45	0.006
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13:55	0.006
13:56	0.006
13:57	0.005
13:58	0.006
13:59	0.006
14:00	0.008
14:01	0.007
14:02	0.01
14:03	0.009
14:04	0.006
14:05	0.006
14:06	0.007
14:07	0.006
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14:09	0.006
14:10	0.006



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14:14	0.007
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14:16	0.008
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14:18	0.009
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14:26	0.007
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14:44	0.004
14:45	0.007
14:46	0.011
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14:49	0.006
14:50	0.007
14:51	0.005
14:52	0.006
14:53	0.006
14:54	0.005
14:55	0.006
14:56	0.009
14:57	0.007

14:58	0.006
14:59	0.005
15:00	0.005
15:01	0.006
15:02	0.013
15:03	0.009
15:04	0.01
15:05	0.006
15:06	0.006
15:07	0.006
15:08	0.005
15:09	0.005
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15:18	0.004
15:19	0.005
15:20	0.007
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15:40	0.006
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15:42	0.004
15:43	0.004
15:44	0.004

15:45	0.006
15:46	0.006
15:47	0.005
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15:51	0.006
15:52	0.005
15:53	0.005
15:54	0.005
15:55	0.004
15:56	0.004
15:57	0.004
15:58	0.005
15:59	0.005
16:00	0.008
16:01	0.011
16:02	0.006
16:03	0.006
16:04	0.005
16:05	0.007
16:06	0.009
16:07	0.008
16:08	0.007
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16:14	0.007
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16:16	0.006
16:17	0.009
16:18	0.01
16:19	0.01
16:20	0.01
16:21	0.021
16:22	0.013
16:23	0.008
16:24	0.008
16:25	0.007
16:26	0.006
16:27	0.005
16:28	0.004
16:29	0.005
16:30	0.007
16:31	0.006

16:32	0.005
16:33	0.004
16:34	0.005
16:35	0.007
16:36	0.014
16:37	0.006
16:38	0.006
16:39	0.006
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16:41	0.007
16:42	0.006
16:43	0.006
16:44	0.005
16:45	0.004
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16:47	0.005
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16:53	0.006
16:54	0.005
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16:57	0.005
16:58	0.005
16:59	0.004
17:00	0.004
17:01	0.006
17:02	0.007
17:03	0.004
17:04	0.004
17:05	0.004
17:06	0.004
17:07	0.004
17:08	0.004
17:09	0.003
17:10	0.003
17:11	0.004
17:12	0.004

























Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533181207
Firmware Version	3.1
Calibration Date	6/1/2023
Test Name	MANUAL_006
Test Start Time	6:49:12 AM
Test Start Date	2/21/2024
Test Length [D:H:M]	0:10:26
Test Interval [M:S]	1:00
PM10 Average [mg/m3]	0.011
PM10 Minimum [mg/m3]	0.005
PM10 Maximum [mg/m3]	0.041
PM10 TWA [mg/m3]	0.012
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	0
Errors	
Number of Samples	626

Elapsed Time [s]	PM10 [mg/m3]	Alarms	Errors
6:49	0.041		
6:50	0.015		
6:51	0.014		
6:52	0.016		
6:53	0.014		
6:54	0.014		
6:55	0.015		
6:56	0.015		
6:57	0.015		
6:58	0.016		
6:59	0.014		
7:00	0.013		
7:01	0.014		
7:02	0.014		
7:03	0.017		
7:04	0.017		
7:05	0.019		
7:06	0.02		
7:07	0.018		
7:08	0.018		
7:09	0.018		
7:10	0.018		
7:11	0.017		
7:12	0.015		
7:13	0.015		
7:14	0.014		



7:15	0.014
7:16	0.016
7:17	0.016
7:18	0.016
7:19	0.033
7:20	0.017
7:21	0.017
7:22	0.017
7:23	0.017
7:24	0.018
7:25	0.019
7:26	0.018
7:27	0.018
7:28	0.016
7:29	0.015
7:30	0.021
7:31	0.017
7:32	0.016
7:33	0.016
7:34	0.016
7:35	0.017
7:36	0.019
7:37	0.016
7:38	0.017
7:39	0.017
7:40	0.02
7:41	0.02
7:42	0.021
7:43	0.018
7:44	0.017
7:45	0.02
7:46	0.021
7:47	0.02
7:48	0.019
7:49	0.016
7:50	0.018
7:51	0.019
7:52	0.019
7:53	0.02
7:54	0.019
7:55	0.018
7:56	0.02
7:57	0.022
7:58	0.024
7:59	0.028
8:00	0.023
8:01	0.017

8:02	0.016
8:03	0.016
8:04	0.016
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8:06	0.017
8:07	0.017
8:08	0.018
8:09	0.018
8:10	0.018
8:11	0.015
8:12	0.016
8:13	0.017
8:14	0.017
8:15	0.016
8:16	0.016
8:17	0.016
8:18	0.018
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8:20	0.015
8:21	0.017
8:22	0.018
8:23	0.021
8:24	0.022
8:25	0.019
8:26	0.019
8:27	0.021
8:28	0.018
8:29	0.016
8:30	0.016
8:31	0.016
8:32	0.017
8:33	0.017
8:34	0.023
8:35	0.021
8:36	0.018
8:37	0.018
8:38	0.016
8:39	0.019
8:40	0.018
8:41	0.019
8:42	0.019
8:43	0.022
8:44	0.018
8:45	0.017
8:46	0.016
8:47	0.017
8:48	0.014

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8:50	0.013
8:51	0.017
8:52	0.013
8:53	0.018
8:54	0.015
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9:07	0.015
9:08	0.014
9:09	0.014
9:10	0.013
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9:14	0.016
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9:16	0.015
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10:07	0.031
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11:04	0.011
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11:12	0.007
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11:19	0.015
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11:27	0.007
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11:29	0.007
11:30	0.007
11:31	0.008
11:32	0.01
11:33	0.008
11:34	0.007
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