

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

Thomas Jensen

WEATHER	Snow		Rain		Overcast	Partly Cloudy	X	Bright Sun	Wind
TEMP.	< 32		32-50	X	50-70	70-85		>85	E – 3 mph

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	1/20/23
Project:	585 Union Street, Brooklyn, NY				

Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 06:30 Time Out: 13:30	Personnel On Site: IEEG (Environmental) –Chris Evertz Broadway Construction Group, Shannon Dowling Raptor – Foundation Contractor ABC Repair and Lining Inc. – UST and Hydraulic lift Cleanout and Removal ECD, NY– Dill drilling contractors Equipment On Site: Cat325C, Cat 311C, MC15 Pile Rig, MC22 Pile Rig, Minirae 3000 PID, DustTrak
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Scope of Work:

- Community Air Monitoring Program (CAMP) implementation in accordance with the NYSDEC-approved Remedial Action Work Plan
- Oversight of excavation/foundation removal;
- Oversight of excavation/loading of fill materials; and
- Oversight of hot spot excavations

Site Activities:

- ECD installing structural piles within WC-7 and WC-8-;
- Grout was placed in drilled piles, a total of 5 grout trucks were on-Site throughout the day;
- Installation of lagging along Union Street;
- Load/compression test was conducted in WC-5; and
- Moved second trucking pad from westernmost gate to middle gate.

Community Air Monitoring Program (CAMP)

- PID remained at nominal levels throughout the day.
- No sustained dust exceedances were observed over a 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.0__ ppm, Dust = __0.034__ mg/m³ @ 07:09
- High Conditions (Downwind) – PID = __0.3__ ppm, Dust = __0.64 mg/m³ @ 07:33
- High Conditions (Upwind) – PID = __1.3__ ppm, Dust = __0.103 mg/m³ @ 11:59

Notable Site Conditions:

- See Site Activities.

Planned Activities for the Next Day:

- Install structural piles in WC-8 and WC-7;
- Complete lagging along Union Street;
- Collect samples from stockpiled hot spot material;
- Remove approved hot spot soil for off-site disposal to CENJ.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1:
Representative
photo of hot spot
material stockpile
from 6'-9' placed
on top of poly.



Photo 2 –
Representative
view of worker
preparing for
load/compression
test.



Photo 3 –
Representative
photo of
excavator moving
the trucking pad.



Photo 4 –
Representative
photo of lagging
along Union
Street.



Photo 5–

Representative view of truck being sprayed down on track pad prior to exiting the Site.



SITE PLAN

585 Union Street, Brooklyn,
NY



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_003
Test Start Time	7:03:16 AM
Test Start Date	1/20/2023
Test Length [D:H:M]	0:09:08
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.103
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	548

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:02				
7:03	0.03	0		
7:04	0.022	0		
7:05	0.02	0		
7:06	0.02	0		
7:07	0.02	0		
7:08	0.022	0		
7:09	0.023	0		
7:10	0.024	0		
7:11	0.022	0		
7:12	0.021	0		
7:13	0.021	0		
7:14	0.021	0		
7:15	0.021	0		
7:16	0.021	0		
7:17	0.021	0		
7:18	0.021	0		
7:19	0.021	0		
7:20	0.021	0		
7:21	0.021	0		
7:22	0.023	0		
7:23	0.024	0		
7:24	0.026	0.1		
7:25	0.029	0.4		
7:26	0.025	0.2		
7:27	0.023	0		
7:28	0.023	0		

7:29	0.022	0
7:30	0.021	0
7:31	0.021	0
7:32	0.021	0.1
7:33	0.02	0
7:34	0.021	0.3
7:35	0.021	0
7:36	0.019	0.2
7:37	0.02	0.3
7:38	0.091	0.1
7:39	0.081	0.1
7:40	0.099	0.1
7:41	0.027	0.3
7:42	0.02	0.1
7:43	0.022	0
7:44	0.021	0.2
7:45	0.024	0.1
7:46	0.028	0.1
7:47	0.028	0
7:48	0.023	0
7:49	0.021	0.2
7:50	0.019	0
7:51	0.018	0
7:52	0.017	0.1
7:53	0.016	0
7:54	0.019	0
7:55	0.019	0
7:56	0.018	0.4
7:57	0.017	0.3
7:58	0.017	0.6
7:59	0.018	0.2
8:00	0.017	0.1
8:01	0.019	0
8:02	0.016	0.2
8:03	0.017	0.4
8:04	0.016	0.6
8:05	0.018	0.3
8:06	0.016	0.3
8:07	0.016	0.3
8:08	0.015	0.4
8:09	0.015	0.1
8:10	0.031	0.4
8:11	0.038	0.3
8:12	0.025	0.1
8:13	0.035	0.3
8:14	0.023	1.3
8:15	0.021	0

8:16	0.019	0
8:17	0.015	0
8:18	0.024	0.4
8:19	0.018	0
8:20	0.021	0
8:21	0.018	0
8:22	0.012	0.4
8:23	0.012	0.3
8:24	0.012	0.6
8:25	0.014	0
8:26	0.012	0.1
8:27	0.014	0
8:28	0.013	0.1
8:29	0.016	0
8:30	0.044	0.1
8:31	0.035	0
8:32	0.018	0
8:33	0.016	0
8:34	0.014	0
8:35	0.014	0
8:36	0.014	0
8:37	0.015	0
8:38	0.014	0
8:39	0.014	0
8:40	0.013	0
8:41	0.013	0
8:42	0.013	0
8:43	0.013	0
8:44	0.013	0
8:45	0.013	0
8:46	0.014	0
8:47	0.018	0
8:48	0.019	0
8:49	0.017	0
8:50	0.016	0
8:51	0.015	0
8:52	0.017	0
8:53	0.016	0
8:54	0.018	0
8:55	0.017	0
8:56	0.02	0
8:57	0.018	0
8:58	0.019	0
8:59	0.018	0
9:00	0.018	0
9:01	0.022	0
9:02	0.019	0

9:03	0.016	0
9:04	0.014	0
9:05	0.013	0
9:06	0.013	0
9:07	0.013	0
9:08	0.014	0
9:09	0.013	0
9:10	0.013	0
9:11	0.012	0
9:12	0.012	0
9:13	0.012	0
9:14	0.013	0
9:15	0.013	0
9:16	0.012	0
9:17	0.013	0
9:18	0.012	0
9:19	0.013	0
9:20	0.013	0
9:21	0.013	0
9:22	0.012	0
9:23	0.012	0
9:24	0.013	0
9:25	0.012	0
9:26	0.012	0
9:27	0.014	0
9:28	0.014	0
9:29	0.013	0
9:30	0.013	0
9:31	0.012	0
9:32	0.013	0
9:33	0.013	0
9:34	0.013	0
9:35	0.019	0
9:36	0.012	0
9:37	0.012	0
9:38	0.013	0
9:39	0.013	0
9:40	0.013	0
9:41	0.013	0
9:42	0.013	0
9:43	0.012	0
9:44	0.012	0
9:45	0.011	0
9:46	0.011	0
9:47	0.011	0
9:48	0.011	0
9:49	0.012	0

9:50	0.012	0
9:51	0.012	0
9:52	0.011	0
9:53	0.011	0
9:54	0.011	0
9:55	0.01	0
9:56	0.01	0
9:57	0.01	0
9:58	0.01	0
9:59	0.01	0
10:00	0.01	0
10:01	0.011	0
10:02	0.011	0
10:03	0.011	0
10:04	0.01	0
10:05	0.011	0
10:06	0.011	0
10:07	0.011	0
10:08	0.011	0
10:09	0.011	0
10:10	0.011	0
10:11	0.011	0
10:12	0.01	0
10:13	0.01	0
10:14	0.01	0
10:15	0.013	0
10:16	0.01	0
10:17	0.011	0
10:18	0.011	0
10:19	0.01	0
10:20	0.01	0
10:21	0.01	0
10:22	0.01	0
10:23	0.01	0
10:24	0.011	0
10:25	0.01	0
10:26	0.01	0
10:27	0.01	0
10:28	0.01	0
10:29	0.01	0
10:30	0.01	0
10:31	0.008	0
10:32	0.007	0
10:33	0.007	0
10:34	0.008	0
10:35	0.007	0
10:36	0.005	0

10:37	0.006	0
10:38	0.005	0
10:39	0.01	0
10:40	0.005	0
10:41	0.006	0
10:42	0.005	0
10:43	0.006	0
10:44	0.006	0
10:45	0.005	0
10:46	0.004	0.1
10:47	0.005	0
10:48	0.005	0
10:49	0.004	0
10:50	0.005	0
10:51	0.005	0
10:52	0.004	0
10:53	0.004	0
10:54	0.004	0
10:55	0.004	0
10:56	0.004	0
10:57	0.006	0
10:58	0.005	0
10:59	0.004	0
11:00	0.006	0
11:01	0.004	0
11:02	0.006	0
11:03	0.005	0
11:04	0.005	0
11:05	0.009	0
11:06	0.004	0
11:07	0.004	0
11:08	0.004	0
11:09	0.004	0
11:10	0.003	0
11:11	0.003	0
11:12	0.003	0
11:13	0.003	0
11:14	0.004	0
11:15	0.004	0
11:16	0.004	0
11:17	0.005	0
11:18	0.004	0
11:19	0.004	0
11:20	0.007	0
11:21	0.005	0
11:22	0.004	0
11:23	0.004	0

11:24	0.005	0
11:25	0.005	0
11:26	0.005	0
11:27	0.005	0
11:28	0.004	0
11:29	0.004	0
11:30	0.003	0
11:31	0.003	0
11:32	0.003	0
11:33	0.004	0
11:34	0.003	0
11:35	0.004	0
11:36	0.004	0
11:37	0.004	0
11:38	0.004	0
11:39	0.005	0
11:40	0.005	0
11:41	0.004	0
11:42	0.004	0
11:43	0.004	0
11:44	0.005	0
11:45	0.009	0
11:46	0.003	0
11:47	0.003	0
11:48	0.003	0
11:49	0.004	0
11:50	0.004	0
11:51	0.003	0
11:52	0.003	0
11:53	0.003	0
11:54	0.003	0
11:55	0.005	0
11:56	0.004	0
11:57	0.004	0
11:58	0.009	0
11:59	0.103	0
12:00	0.065	0
12:01	0.012	0
12:02	0.005	0
12:03	0.003	0
12:04	0.003	0
12:05	0.003	0
12:06	0.003	0
12:07	0.003	0
12:08	0.003	0
12:09	0.004	0
12:10	0.003	0

12:11	0.003	0
12:12	0.004	0
12:13	0.005	0
12:14	0.005	0
12:15	0.005	0
12:16	0.009	0
12:17	0.008	0
12:18	0.003	0
12:19	0.006	0
12:20	0.005	0
12:21	0.005	0
12:22	0.012	0
12:23	0.012	0
12:24	0.01	0
12:25	0.009	0
12:26	0.005	0
12:27	0.009	0
12:28	0.009	0
12:29	0.005	0
12:30	0.004	0
12:31	0.004	0
12:32	0.003	0
12:33	0.003	0
12:34	0.004	0
12:35	0.003	0
12:36	0.003	0
12:37	0.004	0
12:38	0.004	0
12:39	0.004	0
12:40	0.004	0
12:41	0.004	0
12:42	0.005	0
12:43	0.005	0
12:44	0.004	0
12:45	0.004	0
12:46	0.005	0
12:47	0.003	0
12:48	0.003	0
12:49	0.003	0
12:50	0.003	0
12:51	0.003	0
12:52	0.003	0
12:53	0.003	0
12:54	0.003	0
12:55	0.002	0
12:56	0.002	0
12:57	0.002	0

12:58	0.002	0
12:59	0.002	0
13:00	0.002	0
13:01	0.002	0
13:02	0.002	0
13:03	0.003	0
13:04	0.002	0
13:05	0.002	0
13:06	0.002	0
13:07	0.002	0
13:08	0.003	0
13:09	0.002	0
13:10	0.003	0
13:11	0.003	0
13:12	0.003	0
13:13	0.003	0
13:14	0.002	0
13:15	0.003	0
13:16	0.003	0
13:17	0.004	0
13:18	0.004	0
13:19	0.005	0
13:20	0.003	0
13:21	0.002	0
13:22	0.002	0
13:23	0.002	0
13:24	0.002	0
13:25	0.002	0
13:26	0.002	0
13:27	0.002	0
13:28	0.002	0
13:29	0.002	0
13:30	0.002	0
13:31	0.002	0
13:32	0.002	0
13:33	0.002	0
13:34	0.002	0
13:35	0.002	0
13:36	0.002	0
13:37	0.003	0
13:38	0.003	0
13:39	0.003	0
13:40	0.002	0
13:41	0.003	0
13:42	0.004	0
13:43	0.005	0
13:44	0.004	0

13:45	0.003	0
13:46	0.003	0
13:47	0.003	0
13:48	0.003	0
13:49	0.005	0
13:50	0.007	0
13:51	0.009	0
13:52	0.003	0
13:53	0.003	0
13:54	0.003	0
13:55	0.007	0
13:56	0.003	0
13:57	0.004	0
13:58	0.004	0
13:59	0.003	0
14:00	0.003	0
14:01	0.003	0
14:02	0.004	0
14:03	0.004	0
14:04	0.004	0
14:05	0.004	0
14:06	0.005	0
14:07	0.004	0
14:08	0.004	0
14:09	0.003	0
14:10	0.003	0
14:11	0.01	0
14:12	0.005	0
14:13	0.003	0
14:14	0.004	0
14:15	0.003	0
14:16	0.004	0
14:17	0.004	0
14:18	0.004	0
14:19	0.005	0
14:20	0.004	0
14:21	0.003	0
14:22	0.003	0
14:23	0.005	0
14:24	0.004	0
14:25	0.003	0
14:26	0.003	0
14:27	0.002	0
14:28	0.003	0
14:29	0.004	0
14:30	0.004	0
14:31	0.004	0

14:32	0.006	0
14:33	0.006	0
14:34	0.005	0
14:35	0.003	0
14:36	0.003	0.8
14:37	0.004	0
14:38	0.005	0
14:39	0.005	0
14:40	0.004	0
14:41	0.003	0
14:42	0.003	0
14:43	0.004	0
14:44	0.006	0.3
14:45	0.007	0
14:46	0.012	0
14:47	0.007	0
14:48	0.008	0
14:49	0.012	0.1
14:50	0.011	0
14:51	0.023	0
14:52	0.031	0.4
14:53	0.022	0.3
14:54	0.008	0.2
14:55	0.006	0.3
14:56	0.006	0.6
14:57	0.006	0.3
14:58	0.004	0.4
14:59	0.01	0.4
15:00	0.014	0.3
15:01	0.009	0.4
15:02	0.009	0.3
15:03	0.013	0.2
15:04	0.003	0.3
15:05	0.003	0.4
15:06	0.004	0.8
15:07	0.003	7.4
15:08	0.003	0.4
15:09	0.003	0.3
15:10	0.003	0.4
15:11	0.003	0.3
15:12	0.003	0.2
15:13	0.003	0.3
15:14	0.002	0.4
15:15	0.003	0.3
15:16	0.003	0.2
15:17	0.004	0.3
15:18	0.003	0

15:19	0.003	0
15:20	0.003	0
15:21	0.003	0
15:22	0.003	0
15:23	0.003	0
15:24	0.003	0
15:25	0.003	0
15:26	0.003	0
15:27	0.003	0
15:28	0.004	0
15:29	0.003	0
15:30	0.004	0
15:31	0.003	0
15:32	0.003	0
15:33	0.003	0
15:34	0.003	0
15:35	0.003	0
15:36	0.004	0
15:37	0.003	0
15:38	0.003	0
15:39	0.003	0
15:40	0.004	0
15:41	0.003	0
15:42	0.004	0
15:43	0.004	0
15:44	0.003	0
15:45	0.003	0
15:46	0.005	0
15:47	0.003	0
15:48	0.004	0
15:49	0.009	0
15:50	0.009	0
15:51	0.009	0
15:52	0.007	0
15:53	0.016	0
15:54	0.017	0
15:55	0.018	0
15:56	0.017	0
15:57	0.014	0
15:58	0.007	0
15:59	0.016	0
16:00	0.009	0
16:01	0.004	0
16:02	0.006	0
16:03	0.004	0
16:04	0.007	0
16:05	0.007	0

16:06	0.006	0
16:07	0.005	0
16:08	0.004	0
16:09	0.005	0
16:10	0.005	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_003
Test Start Time	7:09:06 AM
Test Start Date	1/20/2023
Test Length [D:H:M]	0:08:53
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.064
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	533

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:08				
7:09	0.034		0	
7:10	0.031		0	
7:11	0.031		0	
7:12	0.024		0	
7:13	0.034		0	
7:14	0.028		0	
7:15	0.029		0	
7:16	0.037		0	
7:17	0.026		0	
7:18	0.028		0	
7:19	0.033		0	
7:20	0.024		0	
7:21	0.023		0	
7:22	0.026		0	
7:23	0.029		0	
7:24	0.026		0	
7:25	0.026		0	
7:26	0.029		0	
7:27	0.027		0	
7:28	0.025		0	
7:29	0.027		0	
7:30	0.043		0	
7:31	0.027		0	
7:32	0.031		0	
7:33	0.064		0	
7:34	0.029		0	

7:35	0.031	0
7:36	0.025	0
7:37	0.026	0
7:38	0.055	0
7:39	0.039	0
7:40	0.031	0
7:41	0.023	0
7:42	0.024	0
7:43	0.022	0
7:44	0.026	0
7:45	0.029	0
7:46	0.032	0
7:47	0.041	0
7:48	0.032	0
7:49	0.023	0
7:50	0.046	0
7:51	0.039	0
7:52	0.034	0
7:53	0.022	0
7:54	0.021	0
7:55	0.034	0
7:56	0.021	0
7:57	0.038	0
7:58	0.023	0
7:59	0.023	0
8:00	0.034	0
8:01	0.026	0
8:02	0.024	0
8:03	0.045	0
8:04	0.058	0
8:05	0.032	0
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