

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

Thomas Jensen

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

IEC Project No:	14729	NYSDEC BCP Site No:	C224329	Date:	1/13/23
Project:	585 Union Street, Brooklyn, NY				

Consultant:

Impact Environmental Engineering and Geology, PLLC (IEEG)

Time On: 06:20

Time Out: 17:30

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 Contractor

ECD, NY– Dill drilling contractors

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:

- ECD conducting compression tests in WC-5;
- WC-8 was graded for the pile machine to begin installing structural piles;
- Installation of lagging along Union Street.

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 15-min period during monitoring;
- Prestart Upwind Conditions – PID = __0.0__ ppm, Dust = __0.039__ mg/m³ @ 07:02
- High Conditions (Downwind) – PID = __0.0__ ppm, Dust = __0.072 mg/m³ @ 07:55
- High Conditions (Upwind) – PID = __0.0__ ppm, Dust = __0.112 mg/m³ @ 07:21

Notable Site Conditions:

- See Site Activities.

Planned Activities for the Next Day:

- Install structural piles in WC-8;
- Finish lagging along Union Street.

PHOTO LOG

585 Union Street, Brooklyn,
NY



Photo 1:

Representative view of lagging being installed along Union Street.



Photo 2 –
Representative
view of
welding and
piling work
along Union
Street.



Photo 3 – WC-8 being graded for the pile machine.



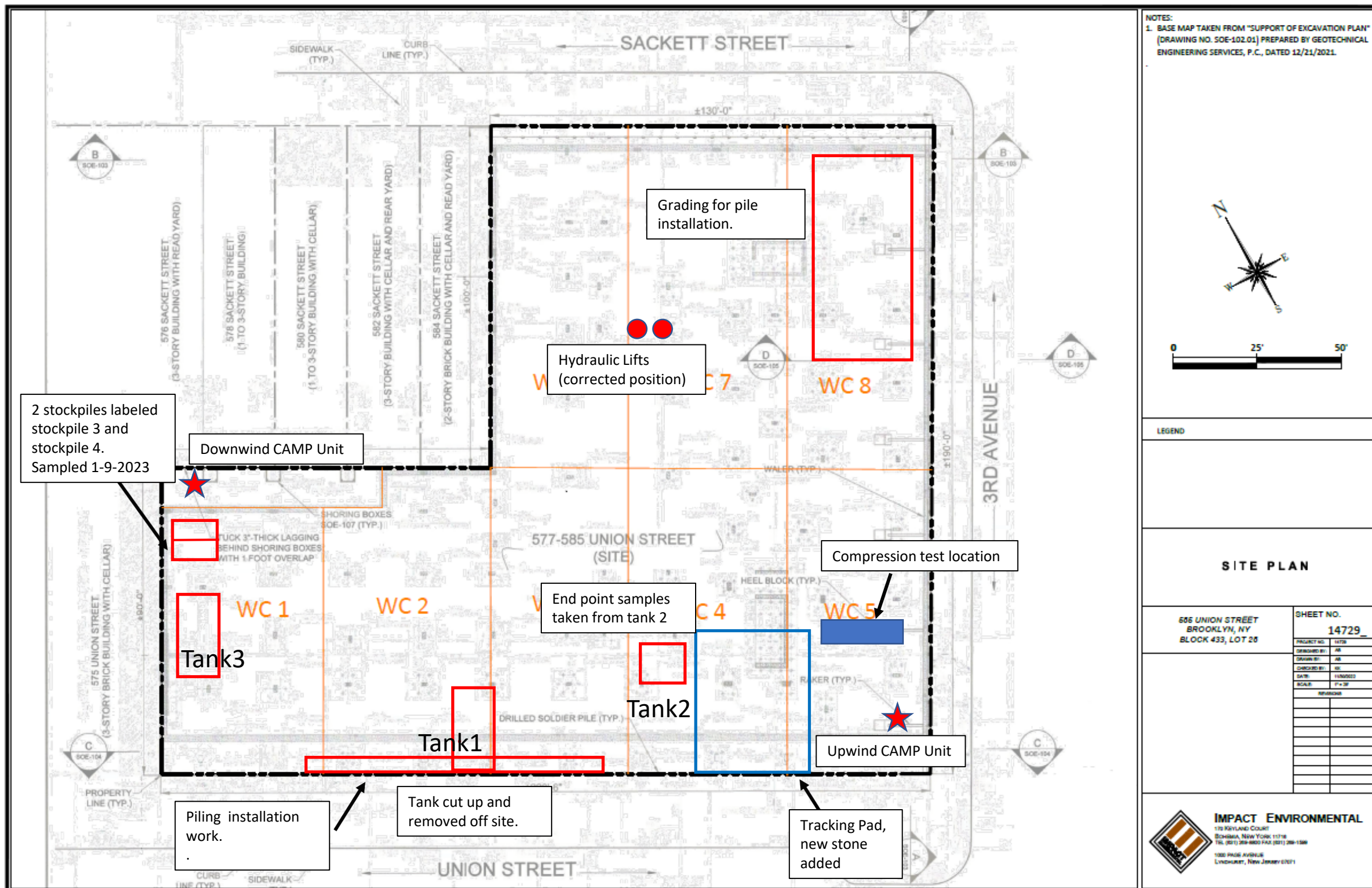
Photo 4 –
Representative
photo of
compression
testing.



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_034
Test Start Time	7:09:30 AM
Test Start Date	1/13/2023
Test Length [D:H:M]	0:08:27
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.023
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.112
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	507

Elapsed Time [s]	Mass [mg/m3]	PID (ppmv)	Alarms	Errors
7:08				
7:09	0.039		0.0	
7:10	0.036		0.0	
7:11	0.034		0.0	
7:12	0.035		0.0	
7:13	0.032		0.0	
7:14	0.032		0.0	
7:15	0.033		0.0	
7:16	0.032		0.0	
7:17	0.034		0.0	
7:18	0.085		0.0	
7:19	0.071		0.0	
7:20	0.08		0.0	
7:21	0.112		0.0	
7:22	0.068		0.0	
7:23	0.052		0.0	
7:24	0.046		0.0	
7:25	0.043		0.0	
7:26	0.035		0.0	
7:27	0.034		0.0	
7:28	0.034		0.0	
7:29	0.039		0.0	
7:30	0.04		0.0	
7:31	0.038		0.0	
7:32	0.033		0.0	
7:33	0.032		0.0	
7:34	0.031		0.0	

7:35	0.032	0.0
7:36	0.033	0.0
7:37	0.033	0.0
7:38	0.034	0.0
7:39	0.033	0.0
7:40	0.049	0.0
7:41	0.044	0.0
7:42	0.041	0.0
7:43	0.041	0.0
7:44	0.042	0.0
7:45	0.04	0.0
7:46	0.044	0.0
7:47	0.059	0.0
7:48	0.051	0.0
7:49	0.053	0.0
7:50	0.037	0.0
7:51	0.034	0.0
7:52	0.033	0.0
7:53	0.032	0.0
7:54	0.032	0.0
7:55	0.036	0.0
7:56	0.037	0.0
7:57	0.037	0.0
7:58	0.033	0.0
7:59	0.03	0.0
8:00	0.032	0.0
8:01	0.032	0.0
8:02	0.034	0.0
8:03	0.034	0.0
8:04	0.034	0.0
8:05	0.033	0.0
8:06	0.032	0.0
8:07	0.032	0.0
8:08	0.033	0.0
8:09	0.033	0.0
8:10	0.031	0.0
8:11	0.031	0.0
8:12	0.035	0.0
8:13	0.036	0.0
8:14	0.036	0.0
8:15	0.034	0.0
8:16	0.036	0.0
8:17	0.031	0.0
8:18	0.033	0.0
8:19	0.035	0.0
8:20	0.034	0.0
8:21	0.033	0.0

8:22	0.032	0.0
8:23	0.032	0.0
8:24	0.036	0.0
8:25	0.037	0.0
8:26	0.035	0.0
8:27	0.035	0.0
8:28	0.036	0.0
8:29	0.031	0.0
8:30	0.036	0.0
8:31	0.033	0.0
8:32	0.033	0.0
8:33	0.037	0.0
8:34	0.04	0.0
8:35	0.047	0.0
8:36	0.042	0.0
8:37	0.039	0.0
8:38	0.035	0.0
8:39	0.031	0.0
8:40	0.035	0.0
8:41	0.034	0.0
8:42	0.031	0.0
8:43	0.029	0.0
8:44	0.025	0.0
8:45	0.027	0.0
8:46	0.028	0.0
8:47	0.049	0.0
8:48	0.074	0.0
8:49	0.049	0.0
8:50	0.034	0.0
8:51	0.029	0.0
8:52	0.026	0.0
8:53	0.027	0.0
8:54	0.026	0.0
8:55	0.025	0.0
8:56	0.025	0.0
8:57	0.026	0.0
8:58	0.026	0.0
8:59	0.026	0.0
9:00	0.024	0.0
9:01	0.024	0.0
9:02	0.025	0.0
9:03	0.022	0.0
9:04	0.021	0.0
9:05	0.046	0.0
9:06	0.098	0.0
9:07	0.042	0.0
9:08	0.024	0.0

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9:10	0.024	0.0
9:11	0.025	0.0
9:12	0.022	0.0
9:13	0.024	0.0
9:14	0.04	0.0
9:15	0.033	0.0
9:16	0.022	0.0
9:17	0.02	0.0
9:18	0.018	0.0
9:19	0.015	0.0
9:20	0.018	0.0
9:21	0.029	0.0
9:22	0.022	0.0
9:23	0.017	0.0
9:24	0.017	0.0
9:25	0.019	0.0
9:26	0.016	0.0
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9:33	0.013	0.0
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9:35	0.013	0.0
9:36	0.012	0.0
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9:39	0.011	0.0
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9:44	0.012	0.0
9:45	0.013	0.0
9:46	0.011	0.0
9:47	0.01	0.0
9:48	0.011	0.0
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9:54	0.01	0.0
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9:57	0.011	0.0
9:58	0.012	0.0
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10:02	0.015	0.0
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10:14	0.012	0.0
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12:58	0.025	0.0
12:59	0.026	0.0
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13:03	0.027	0.0

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13:24	0.023	0.0
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13:27	0.025	0.0
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13:30	0.025	0.0
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13:35	0.026	0.0
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13:38	0.025	0.0
13:39	0.025	0.0
13:40	0.026	0.0
13:41	0.026	0.0
13:42	0.029	0.0
13:43	0.036	0.0
13:44	0.031	0.0
13:45	0.024	0.0
13:46	0.032	0.0
13:47	0.04	0.0
13:48	0.037	0.0
13:49	0.029	0.0
13:50	0.022	0.0

13:51	0.034	0.0
13:52	0.042	0.0
13:53	0.032	0.0
13:54	0.032	0.0
13:55	0.029	0.0
13:56	0.036	0.0
13:57	0.015	0.0
13:58	0.01	0.0
13:59	0.013	0.0
14:00	0.008	0.0
14:01	0.011	0.0
14:02	0.008	0.0
14:03	0.008	0.0
14:04	0.015	0.0
14:05	0.023	0.0
14:06	0.012	0.0
14:07	0.025	0.0
14:08	0.007	0.0
14:09	0.014	0.0
14:10	0.005	0.0
14:11	0.011	0.0
14:12	0.007	0.0
14:13	0.013	0.0
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14:22	0.027	0.0
14:23	0.006	0.0
14:24	0.006	0.0
14:25	0.007	0.0
14:26	0.006	0.0
14:27	0.008	0.0
14:28	0.01	0.0
14:29	0.01	0.0
14:30	0.01	0.0
14:31	0.011	0.0
14:32	0.018	0.0
14:33	0.017	0.0
14:34	0.013	0.0
14:35	0.015	0.0
14:36	0.006	0.0
14:37	0.013	0.0

14:38	0.015	0.0
14:39	0.014	0.0
14:40	0.005	0.0
14:41	0.005	0.0
14:42	0.005	0.0
14:43	0.007	0.0
14:44	0.005	0.0
14:45	0.004	0.0
14:46	0.006	0.0
14:47	0.006	0.0
14:48	0.006	0.0
14:49	0.015	0.0
14:50	0.014	0.0
14:51	0.01	0.0
14:52	0.008	0.0
14:53	0.009	0.0
14:54	0.028	0.0
14:55	0.02	0.0
14:56	0.009	0.0
14:57	0.008	0.0
14:58	0.02	0.0
14:59	0.028	0.0
15:00	0.01	0.0
15:01	0.013	0.0
15:02	0.014	0.0
15:03	0.012	0.0
15:04	0.007	0.0
15:05	0.008	0.0
15:06	0.011	0.0
15:07	0.017	0.0
15:08	0.01	0.0
15:09	0.019	0.0
15:10	0.009	0.0
15:11	0.013	0.0
15:12	0.011	0.0
15:13	0.005	0.0
15:14	0.005	0.0
15:15	0.005	0.0
15:16	0.008	0.0
15:17	0.014	0.0
15:18	0.011	0.0
15:19	0.016	0.0
15:20	0.006	0.0
15:21	0.006	0.0
15:22	0.009	0.0
15:23	0.019	0.0
15:24	0.012	0.0

15:25	0.01	0.0
15:26	0.012	0.0
15:27	0.01	0.0
15:28	0.015	0.0
15:29	0.007	0.0
15:30	0.008	0.0
15:31	0.006	0.0
15:32	0.008	0.0
15:33	0.015	0.0
15:34	0.01	0.0
15:35	0.006	0.0

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_031
Test Start Time	7:15:51 AM
Test Start Date	1/13/2023
Test Length [D:H:M]	0:08:13
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.072
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	493

Elapsed Time [s]	Mass [mg/m3]	PID (pmmv)	Alarms	Errors
7:14	0			
7:15	0.036	0.0		
7:16	0.03	0.0		
7:17	0.03	0.0		
7:18	0.029	0.0		
7:19	0.035	0.0		
7:20	0.032	0.0		
7:21	0.036	0.0		
7:22	0.036	0.0		
7:23	0.034	0.0		
7:24	0.031	0.0		
7:25	0.03	0.0		
7:26	0.03	0.0		
7:27	0.027	0.0		
7:28	0.042	0.0		
7:29	0.037	0.0		
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