



May 12, 2020

NYSDEC
Division of Environmental Remediation
47-40-21st Street
Long Island City, NY 11101

Attn: Christopher Allan
Environmental Engineer

Re: **Monthly Progress Report – April 2020**
Far Rockaway Development—Phase 1
BCP #C241224

Dear Mr. Allan:

CA RICH Consultants, Inc. is pleased to provide you with the following Monthly Progress Report (MPR) for the above-referenced Site. This MPR covers the time period from April 1, 2020 to April 30, 2020.

The following activities occurred In April 2020:

1. Site Activities
 - Grading of soils and installation of building footings.
 - Support of excavation activities
 - Excavation for off-site disposal was not conducted.
2. Reporting Activities
 - Daily reports have been submitted in accordance with the RAWP.
3. Sampling Activities
 - No samples were collected
4. Notable deviations
 - None

The following work is planned for the Site/Project in May 2020:

- Continue with construction of Building B
- Continue with construction of Building C.
- Continue foundation work for Building H1/H2
- Soil removal is not likely to occur in May. It is anticipated that soil removal will begin again in July 2020.

If there are any questions, please do not hesitate to call our office.

Respectfully,

CA RICH CONSULTANTS, INC.



Jason T. Cooper, PG
Senior Project Manager

cc: Eamonn O'Neil, NYSDOH (email only)
Matthew Kelly, Phipps Houses (email only)
Richard Izzo, CA Rich Consultants, Inc. (email only)
Karen Tyll, Tyll Engineering and Consulting PC, (email only)
Repository

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/1/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:19 AM	6	7:26:35 AM	10	4	
7:44:19 AM	4	7:41:35 AM	12	8	
7:59:19 AM	5	7:56:35 AM	8	3	
8:14:19 AM	4	8:11:35 AM	7	3	
8:29:19 AM	3	8:26:35 AM	8	5	
8:44:19 AM	3	8:41:35 AM	10	7	
8:59:19 AM	6	8:56:35 AM	7	1	
9:14:19 AM	4	9:11:35 AM	10	6	
9:29:19 AM	3	9:26:35 AM	9	6	
9:44:19 AM	4	9:41:35 AM	6	2	
9:59:19 AM	5	9:56:35 AM	6	1	
10:14:19 AM	6	10:11:35 AM	10	4	
10:29:19 AM	6	10:26:35 AM	9	3	
10:44:19 AM	5	10:41:35 AM	10	5	
10:59:19 AM	4	10:56:35 AM	7	3	
11:14:19 AM	4	11:11:35 AM	8	4	
11:29:19 AM	4	11:26:35 AM	7	3	
11:44:19 AM	6	11:41:35 AM	9	3	
11:59:19 AM	8	11:56:35 AM	10	2	
12:14:19 PM	9	12:11:35 PM	11	2	
12:29:19 PM	7	12:26:35 PM	14	7	
12:44:19 PM	8	12:41:35 PM	11	3	
12:59:19 PM	10	12:56:35 PM	12	2	
1:14:19 PM	12	1:11:35 PM	9	-3	
1:29:19 PM	11	1:26:35 PM	11	0	
1:44:19 PM	10	1:41:35 PM	13	3	
1:59:19 PM	9	1:56:35 PM	12	3	
2:14:19 PM	4	2:11:35 PM	8	4	
2:29:19 PM	6	2:26:35 PM	10	4	
2:44:19 PM	7	2:41:35 PM	11	4	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/2/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:30:36 AM	8	7:32:31 AM	60	52	
7:45:36 AM	5	7:47:31 AM	18	13	
8:00:36 AM	5	8:02:31 AM	40	35	
8:15:36 AM	4	8:17:31 AM	40	36	
8:30:36 AM	3	8:32:31 AM	30	27	
8:45:36 AM	5	8:47:31 AM	24	19	
9:00:36 AM	3	9:02:31 AM	18	15	
9:15:36 AM	2	9:17:31 AM	27	25	
9:30:36 AM	4	9:32:31 AM	10	6	
9:45:36 AM	4	9:47:31 AM	34	30	
10:00:36 AM	4	10:02:31 AM	15	11	
10:15:36 AM	9	10:17:31 AM	8	-1	
10:30:36 AM	8	10:32:31 AM	6	-2	
10:45:36 AM	8	10:47:31 AM	11	3	
11:00:36 AM	5	11:02:31 AM	8	3	
11:15:36 AM	65	11:17:31 AM	9	-56	
11:30:36 AM	55	11:32:31 AM	18	-37	
11:45:36 AM	21	11:47:31 AM	18	-3	
12:00:36 PM	12	12:02:31 PM	15	3	
12:15:36 PM	9	12:17:31 PM	23	14	
12:30:36 PM	5	12:32:31 PM	24	19	
12:45:36 PM	9	12:47:31 PM	31	22	
1:00:36 PM	8	1:02:31 PM	26	18	
1:15:36 PM	13	1:17:31 PM	35	22	
1:30:36 PM	12	1:32:31 PM	33	21	
1:45:36 PM	15	1:47:31 PM	28	13	
2:00:36 PM	11	2:02:31 PM	24	13	
2:15:36 PM	9	2:17:31 PM	29	20	
2:30:36 PM	12	2:32:31 PM	22	10	
2:45:36 PM	8	2:47:31 PM	20	12	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/3/2020

Upwind Serial Number 0
 Downwind Serial Number 0

Upwind		Downwind		Corrected ¹ Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
No CAMP performed due to Rain.					Rain all day

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/7/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:27:05 AM	8	7:31:00 AM	43	35	
7:42:05 AM	6	7:46:00 AM	54	48	
7:57:05 AM	7	8:01:00 AM	22	15	
8:12:05 AM	4	8:16:00 AM	8	4	
8:27:05 AM	5	8:31:00 AM	26	21	
8:42:05 AM	7	8:46:00 AM	7	0	
8:57:05 AM	8	9:01:00 AM	13	5	
9:12:05 AM	8	9:16:00 AM	9	1	
9:27:05 AM	11	9:31:00 AM	27	16	
9:42:05 AM	20	9:46:00 AM	41	21	
9:57:05 AM	10	10:01:00 AM	26	16	
10:12:05 AM	7	10:16:00 AM	19	12	
10:27:05 AM	5	10:31:00 AM	17	12	
10:42:05 AM	4	10:46:00 AM	17	13	
10:57:05 AM	3	11:01:00 AM	37	34	
11:12:05 AM	3	11:16:00 AM	24	21	
11:27:05 AM	6	11:31:00 AM	33	27	
11:42:05 AM	43	11:46:00 AM	14	-29	
11:57:05 AM	42	12:01:00 PM	12	-30	
12:12:05 PM	28	12:16:00 PM	16	-12	
12:27:05 PM	17	12:31:00 PM	26	9	
12:42:05 PM	22	12:46:00 PM	24	2	
12:57:05 PM	26	1:01:00 PM	29	3	
1:12:05 PM	21	1:16:00 PM	33	12	
1:27:05 PM	18	1:31:00 PM	40	22	
1:42:05 PM	14	1:46:00 PM	36	22	
1:57:05 PM	25	2:01:00 PM	31	6	
2:12:05 PM	23	2:16:00 PM	28	5	
2:27:05 PM	27	2:31:00 PM	26	-1	
2:42:05 PM	22	2:46:00 PM	32	10	

CA RICH Consutants**Community Air Monitoring Program - DUST (PM-10)**

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/8/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:32:32 AM	28	7:26:07 AM	38	10	
7:47:32 AM	16	7:41:07 AM	40	24	
8:02:32 AM	11	7:56:07 AM	37	26	
8:17:32 AM	8	8:11:07 AM	38	30	
8:32:32 AM	6	8:26:07 AM	37	31	
8:47:32 AM	6	8:41:07 AM	38	32	
9:02:32 AM	5	8:56:07 AM	37	32	
9:17:32 AM	4	9:11:07 AM	34	30	
9:32:32 AM	4	9:26:07 AM	32	28	
9:47:32 AM	4	9:41:07 AM	34	30	
10:02:32 AM	7	9:56:07 AM	35	28	
10:17:32 AM	18	10:11:07 AM	35	17	
10:32:32 AM	21	10:26:07 AM	31	10	
10:47:32 AM	16	10:41:07 AM	25	9	
11:02:32 AM	23	10:56:07 AM	24	1	
11:17:32 AM	17	11:11:07 AM	22	5	
11:32:32 AM	14	11:26:07 AM	21	7	
11:47:32 AM	14	11:41:07 AM	19	5	
12:02:32 PM	22	11:56:07 AM	16	-6	
12:17:32 PM	22	12:11:07 PM	17	-5	
12:32:32 PM	25	12:26:07 PM	22	-3	
12:47:32 PM	19	12:41:07 PM	21	2	
1:02:32 PM	16	12:56:07 PM	26	10	
1:17:32 PM	14	1:11:07 PM	23	9	
1:32:32 PM	16	1:26:07 PM	25	9	
1:47:32 PM	19	1:41:07 PM	31	12	
2:02:32 PM	17	1:56:07 PM	28	11	
2:17:32 PM	14	2:11:07 PM	26	12	
2:32:32 PM	12	2:26:07 PM	25	13	
2:47:32 PM	15	2:41:07 PM	29	14	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/9/2020

Upwind Serial Number 0
 Downwind Serial Number 0

Upwind		Downwind		Corrected ¹ Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
No CAMP performed due to Rain.					Rain all day

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/10/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:28:28 AM	6	7:23:46 AM	24	18	
7:43:28 AM	4	7:38:46 AM	8	4	
7:58:28 AM	3	7:53:46 AM	14	11	
8:13:28 AM	2	8:08:46 AM	20	18	
8:28:28 AM	2	8:23:46 AM	34	32	
8:43:28 AM	2	8:38:46 AM	30	28	
8:58:28 AM	3	8:53:46 AM	31	28	
9:13:28 AM	3	9:08:46 AM	19	16	
9:28:28 AM	2	9:23:46 AM	37	35	
9:43:28 AM	2	9:38:46 AM	16	14	
9:58:28 AM	2	9:53:46 AM	40	38	
10:13:28 AM	2	10:08:46 AM	42	40	
10:28:28 AM	2	10:23:46 AM	20	18	
10:43:28 AM	2	10:38:46 AM	27	25	
10:58:28 AM	2	10:53:46 AM	10	8	
11:13:28 AM	2	11:08:46 AM	9	7	
11:28:28 AM	2	11:23:46 AM	13	11	
11:43:28 AM	1	11:38:46 AM	19	18	
11:58:28 AM	1	11:53:46 AM	28	27	
12:13:28 PM	7	12:08:46 PM	13	6	
12:28:28 PM	3	12:23:46 PM	24	21	
12:43:28 PM	2	12:38:46 PM	22	20	
12:58:28 PM	4	12:53:46 PM	27	23	
1:13:28 PM	4	1:08:46 PM	25	21	
1:28:28 PM	3	1:23:46 PM	19	16	
1:43:28 PM	5	1:38:46 PM	16	11	
1:58:28 PM	4	1:53:46 PM	14	10	
2:13:28 PM	6	2:08:46 PM	17	11	
2:28:28 PM	3	2:23:46 PM	22	19	
2:43:28 PM	3	2:38:46 PM	25	22	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/13/2020

Upwind Serial Number 0
 Downwind Serial Number 0

Upwind		Downwind		Corrected ¹ Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
No CAMP performed due to Rain.					Rain all day

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/14/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:33:30 AM	12	7:32:41 AM	24	12	
7:48:30 AM	9	7:47:41 AM	13	4	
8:03:30 AM	7	8:02:41 AM	4	-3	
8:18:30 AM	8	8:17:41 AM	4	-4	
8:33:30 AM	10	8:32:41 AM	4	-6	
8:48:30 AM	11	8:47:41 AM	6	-5	
9:03:30 AM	8	9:02:41 AM	6	-2	
9:18:30 AM	5	9:17:41 AM	8	3	
9:33:30 AM	4	9:32:41 AM	6	2	
9:48:30 AM	6	9:47:41 AM	8	2	
10:03:30 AM	5	10:02:41 AM	7	2	
10:18:30 AM	5	10:17:41 AM	6	1	
10:33:30 AM	2	10:32:41 AM	6	4	
10:48:30 AM	3	10:47:41 AM	6	3	
11:03:30 AM	2	11:02:41 AM	9	7	
11:18:30 AM	2	11:17:41 AM	7	5	
11:33:30 AM	3	11:32:41 AM	6	3	
11:48:30 AM	4	11:47:41 AM	7	3	
12:03:30 PM	4	12:02:41 PM	8	4	
12:18:30 PM	5	12:17:41 PM	7	2	
12:33:30 PM	1	12:32:41 PM	8	7	
12:48:30 PM	2	12:47:41 PM	7	5	
1:03:30 PM	1	1:02:41 PM	8	7	
1:18:30 PM	1	1:17:41 PM	8	7	
1:33:30 PM	2	1:32:41 PM	12	10	
1:48:30 PM	6	1:47:41 PM	16	10	
2:03:30 PM	5	2:02:41 PM	19	14	
2:18:30 PM	5	2:17:41 PM	21	16	
2:33:30 PM	4	2:32:41 PM	18	14	
2:48:30 PM	5	2:47:41 PM	15	10	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/15/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:26:09 AM	3	7:30:48 AM	14	11	
7:41:09 AM	1	7:45:48 AM	9	8	
7:56:09 AM	1	8:00:48 AM	9	8	
8:11:09 AM	1	8:15:48 AM	12	11	
8:26:09 AM	1	8:30:48 AM	16	15	
8:41:09 AM	1	8:45:48 AM	13	12	
8:56:09 AM	2	9:00:48 AM	11	9	
9:11:09 AM	5	9:15:48 AM	23	18	
9:26:09 AM	7	9:30:48 AM	13	6	
9:41:09 AM	5	9:45:48 AM	12	7	
9:56:09 AM	6	10:00:48 AM	11	5	
10:11:09 AM	9	10:15:48 AM	12	3	
10:26:09 AM	11	10:30:48 AM	11	0	
10:41:09 AM	12	10:45:48 AM	14	2	
10:56:09 AM	14	11:00:48 AM	15	1	
11:11:09 AM	12	11:15:48 AM	15	3	
11:26:09 AM	13	11:30:48 AM	12	-1	
11:41:09 AM	15	11:45:48 AM	14	-1	
11:56:09 AM	16	12:00:48 PM	15	-1	
12:11:09 PM	12	12:15:48 PM	15	3	
12:26:09 PM	14	12:30:48 PM	18	4	
12:41:09 PM	10	12:45:48 PM	19	9	
12:56:09 PM	9	1:00:48 PM	22	13	
1:11:09 PM	7	1:15:48 PM	21	14	
1:26:09 PM	8	1:30:48 PM	16	8	
1:41:09 PM	5	1:45:48 PM	14	9	
1:56:09 PM	10	2:00:48 PM	19	9	
2:11:09 PM	9	2:15:48 PM	18	9	
2:26:09 PM	6	2:30:48 PM	15	9	
2:41:09 PM	7	2:45:48 PM	16	9	

UPWIND		
Instrument Name	DustTrak II	
Model Number	8530	
Serial Number	8530102614	
Firmware Version	3.7	
Calibration Date	9/29/2016	
Test Name	MANUAL_002	
Test Start Time	7:18:06 AM	
Test Start Date	4/16/2020	
Test Length [D:H:M]	0:07:30	
Test Interval [M:S]	15:00	
Mass Average [mg/m3]	0.012	
Mass Minimum [mg/m3]	0.005	
Mass Maximum [mg/m3]	0.027	
Mass TWA [mg/m3]	0.011	
Photometric User Cal	1	
Flow User Cal	0	
Errors		
Number of Samples	30	

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors	Time
900	0.024			7:18:06 AM
1800	0.027			7:33:06 AM
2700	0.021			7:48:06 AM
3600	0.017			8:03:06 AM
4500	0.017			8:18:06 AM
5400	0.025			8:33:06 AM
6300	0.022			8:48:06 AM
7200	0.015			9:03:06 AM
8100	0.013			9:18:06 AM
9000	0.014			9:33:06 AM
9900	0.014			9:48:06 AM
10800	0.009			10:03:06 AM
11700	0.009			10:18:06 AM
12600	0.009			10:33:06 AM
13500	0.007			10:48:06 AM
14400	0.008			11:03:06 AM
15300	0.005			11:18:06 AM
16200	0.008			11:33:06 AM
17100	0.006			11:48:06 AM
18000	0.009			12:03:06 PM
18900	0.005			12:18:06 PM
19800	0.007			12:33:06 PM
20700	0.008			12:48:06 PM
21600	0.008			1:03:06 PM
22500	0.007			1:18:06 PM
23400	0.008			1:33:06 PM
24300	0.006			1:48:06 PM
25200	0.005			2:03:06 PM
26100	0.005			2:18:06 PM
27000	0.012			2:33:06 PM
				2:48:06 PM

Downwind		
Instrument Name	DustTrak II	
Model Number	8530	
Serial Number	8530172413	
Firmware Version	3.7	
Calibration Date	6/15/2017	
Test Name	MANUAL_009	
Test Start Time	7:16:34 AM	
Test Start Date	4/16/2020	
Test Length [D:H:M]	0:07:30	
Test Interval [M:S]	15:00	
Mass Average [mg/m3]	0.034	
Mass Minimum [mg/m3]	0.013	
Mass Maximum [mg/m3]	0.075	
Mass TWA [mg/m3]	0.022	
Photometric User Cal	0.72	
Flow User Cal	0	
Errors		
Number of Samples	30	

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors	Time
900	0.023			7:31:34 AM
1800	0.013			7:46:34 AM
2700	0.014			8:01:34 AM
3600	0.027			8:16:34 AM
4500	0.037			8:31:34 AM
5400	0.021			8:46:34 AM
6300	0.021			9:01:34 AM
7200	0.033			9:16:34 AM
8100	0.045			9:31:34 AM
9000	0.047			9:46:34 AM
9900	0.018			10:01:34 AM
10800	0.075			10:16:34 AM
11700	0.05			10:31:34 AM
12600	0.066			10:46:34 AM
13500	0.06			11:01:34 AM
14400	0.028			11:16:34 AM
15300	0.015			11:31:34 AM
16200	0.025			11:46:34 AM
17100	0.045			12:01:34 PM
18000	0.031			12:16:34 PM
18900	0.02			12:31:34 PM
19800	0.026			12:46:34 PM
20700	0.034			1:01:34 PM
21600	0.039			1:16:34 PM
22500	0.035			1:31:34 PM
23400	0.032			1:46:34 PM
24300	0.041			2:01:34 PM
25200	0.044			2:16:34 PM
26100	0.038			2:31:34 PM
27000	0.036			2:46:34 PM

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/17/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:31:34 AM	15	7:28:49 AM	22	7	
7:46:34 AM	13	7:43:49 AM	26	13	
8:01:34 AM	14	7:58:49 AM	31	17	
8:16:34 AM	14	8:13:49 AM	25	11	
8:31:34 AM	15	8:28:49 AM	24	9	
8:46:34 AM	15	8:43:49 AM	54	39	
9:01:34 AM	16	8:58:49 AM	26	10	
9:16:34 AM	15	9:13:49 AM	19	4	
9:31:34 AM	16	9:28:49 AM	25	9	
9:46:34 AM	14	9:43:49 AM	19	5	
10:01:34 AM	14	9:58:49 AM	19	5	
10:16:34 AM	15	10:13:49 AM	22	7	
10:31:34 AM	15	10:28:49 AM	21	6	
10:46:34 AM	15	10:43:49 AM	22	7	
11:01:34 AM	16	10:58:49 AM	31	15	
11:16:34 AM	19	11:13:49 AM	32	13	
11:31:34 AM	19	11:28:49 AM	18	-1	
11:46:34 AM	20	11:43:49 AM	16	-4	
12:01:34 PM	21	11:58:49 AM	25	4	
12:16:34 PM	21	12:13:49 PM	22	1	
12:31:34 PM	21	12:28:49 PM	27	6	
12:46:34 PM	21	12:43:49 PM	33	12	
1:01:34 PM	21	12:58:49 PM	36	15	
1:16:34 PM	21	1:13:49 PM	25	4	
1:31:34 PM	21	1:28:49 PM	29	8	
1:46:34 PM	22	1:43:49 PM	34	12	
2:01:34 PM	23	1:58:49 PM	39	16	
2:16:34 PM	22	2:13:49 PM	36	14	
2:31:34 PM	20	2:28:49 PM	29	9	
2:46:34 PM	19	2:43:49 PM	34	15	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/20/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:27:17 AM	53	7:31:23 AM	11	-42	
7:42:17 AM	6	7:46:23 AM	8	2	
7:57:17 AM	4	8:01:23 AM	7	3	
8:12:17 AM	3	8:16:23 AM	8	5	
8:27:17 AM	2	8:31:23 AM	11	9	
8:42:17 AM	2	8:46:23 AM	9	7	
8:57:17 AM	1	9:01:23 AM	8	7	
9:12:17 AM	1	9:16:23 AM	9	8	
9:27:17 AM	1	9:31:23 AM	7	6	
9:42:17 AM	3	9:46:23 AM	9	6	
9:57:17 AM	3	10:01:23 AM	8	5	
10:12:17 AM	3	10:16:23 AM	8	5	
10:27:17 AM	2	10:31:23 AM	7	5	
10:42:17 AM	3	10:46:23 AM	11	8	
10:57:17 AM	2	11:01:23 AM	7	5	
11:12:17 AM	1	11:16:23 AM	10	9	
11:27:17 AM	45	11:31:23 AM	6	-39	
11:42:17 AM	47	11:46:23 AM	7	-40	
11:57:17 AM	68	12:01:23 PM	14	-54	
12:12:17 PM	4	12:16:23 PM	7	3	
12:27:17 PM	2	12:31:23 PM	7	5	
12:42:17 PM	9	12:46:23 PM	9	0	
12:57:17 PM	13	1:01:23 PM	12	-1	
1:12:17 PM	19	1:16:23 PM	13	-6	
1:27:17 PM	14	1:31:23 PM	17	3	
1:42:17 PM	11	1:46:23 PM	22	11	
1:57:17 PM	16	2:01:23 PM	25	9	
2:12:17 PM	21	2:16:23 PM	23	2	
2:27:17 PM	23	2:31:23 PM	21	-2	
2:42:17 PM	19	2:46:23 PM	18	-1	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/21/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:12 AM	25	7:28:57 AM	44	19	
7:44:12 AM	11	7:43:57 AM	47	36	
7:59:12 AM	7	7:58:57 AM	31	24	
8:14:12 AM	5	8:13:57 AM	32	27	
8:29:12 AM	4	8:28:57 AM	60	56	
8:44:12 AM	13	8:43:57 AM	59	46	
8:59:12 AM	28	8:58:57 AM	33	5	
9:14:12 AM	27	9:13:57 AM	41	14	
9:29:12 AM	22	9:28:57 AM	36	14	
9:44:12 AM	17	9:43:57 AM	51	34	
9:59:12 AM	12	9:58:57 AM	29	17	
10:14:12 AM	15	10:13:57 AM	33	18	
10:29:12 AM	13	10:28:57 AM	39	26	
10:44:12 AM	12	10:43:57 AM	35	23	
10:59:12 AM	16	10:58:57 AM	42	26	
11:14:12 AM	15	11:13:57 AM	47	32	
11:29:12 AM	9	11:28:57 AM	44	35	
11:44:12 AM	12	11:43:57 AM	38	26	
11:59:12 AM	11	11:58:57 AM	36	25	Demobed CAMP due to Rain

CA RICH Consutants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/22/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:28:03 AM	7	7:30:00 AM	16	9	
7:43:03 AM	3	7:45:00 AM	5	2	
7:58:03 AM	3	8:00:00 AM	15	12	
8:13:03 AM	2	8:15:00 AM	5	3	
8:28:03 AM	2	8:30:00 AM	6	4	
8:43:03 AM	2	8:45:00 AM	7	5	
8:58:03 AM	4	9:00:00 AM	7	3	
9:13:03 AM	3	9:15:00 AM	10	7	
9:28:03 AM	2	9:30:00 AM	7	5	
9:43:03 AM	2	9:45:00 AM	11	9	
9:58:03 AM	1	10:00:00 AM	14	13	
10:13:03 AM	1	10:15:00 AM	10	9	
10:28:03 AM	1	10:30:00 AM	15	14	
10:43:03 AM	1	10:45:00 AM	8	7	
10:58:03 AM	3	11:00:00 AM	11	8	
11:13:03 AM	4	11:15:00 AM	9	5	
11:28:03 AM	6	11:30:00 AM	14	8	
11:43:03 AM	9	11:45:00 AM	8	-1	
11:58:03 AM	11	12:00:00 PM	11	0	
12:13:03 PM	12	12:15:00 PM	20	8	
12:28:03 PM	8	12:30:00 PM	10	2	
12:43:03 PM	13	12:45:00 PM	11	-2	
12:58:03 PM	14	1:00:00 PM	11	-3	
1:13:03 PM	12	1:15:00 PM	36	24	
1:28:03 PM	11	1:30:00 PM	29	18	
1:43:03 PM	9	1:45:00 PM	24	15	
1:58:03 PM	8	2:00:00 PM	19	11	
2:13:03 PM	11	2:15:00 PM	22	11	
2:28:03 PM	12	2:30:00 PM	17	5	
2:43:03 PM	10	2:45:00 PM	16	6	

CA RICH Consutants**Community Air Monitoring Program - DUST (PM-10)**

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/23/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
11:13:19 AM	9	11:10:34 AM	45	36	Delyaed start due to precipitation onsite
11:28:19 AM	4	11:25:34 AM	21	17	
11:43:19 AM	2	11:40:34 AM	18	16	
11:58:19 AM	6	11:55:34 AM	32	26	
12:13:19 PM	8	12:10:34 PM	20	12	
12:28:19 PM	4	12:25:34 PM	20	16	
12:43:19 PM	3	12:40:34 PM	22	19	
12:58:19 PM	3	12:55:34 PM	23	20	
1:13:19 PM	2	1:10:34 PM	21	19	
1:28:19 PM	1	1:25:34 PM	27	26	
1:43:19 PM	5	1:40:34 PM	22	17	
1:58:19 PM	2	1:55:34 PM	26	24	
2:13:19 PM	3	2:10:34 PM	28	25	
2:28:19 PM	2	2:25:34 PM	27	25	
2:43:19 PM	1	2:40:34 PM	29	28	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/24/2020

Upwind Serial Number 0
 Downwind Serial Number 0

Upwind		Downwind		Corrected ¹ Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
No CAMP performed due to Rain.					Rain all day

UPWIND		
Instrument Name	DustTrak II	
Model Number	8530	
Serial Number	8530102614	
Firmware Version	3.7	
Calibration Date	9/29/2016	
Test Name	MANUAL_010	
Test Start Time	7:13:26 AM	
Test Start Date	4/27/2020	
Test Length [D:H:M]	0:07:30	
Test Interval [M:S]	15:00	
Mass Average [mg/m3]	0.036	
Mass Minimum [mg/m3]	0.001	
Mass Maximum [mg/m3]	0.034	
Mass TWA [mg/m3]	0.026	
Photometric User Cal	1	
Flow User Cal	0	
Errors		
Number of Samples	30	

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors	Time
900	0.006			7:28:26 AM
1800	0.002			7:43:26 AM
2700	0.001			7:58:26 AM
3600	0.001			8:13:26 AM
4500	0.001			8:28:26 AM
5400	0.001			8:43:26 AM
6300	0.001			8:58:26 AM
7200	0.002			9:13:26 AM
8100	0.001			9:28:26 AM
9000	0.004			9:43:26 AM
9900	0.011			9:58:26 AM
10800	0.015			10:13:26 AM
11700	0.019			10:28:26 AM
12600	0.026			10:43:26 AM
13500	0.025			10:58:26 AM
14400	0.022			11:13:26 AM
15300	0.018			11:28:26 AM
16200	0.025			11:43:26 AM
17100	0.026			11:58:26 AM
18000	0.028			12:13:26 PM
18900	0.029			12:28:26 PM
19800	0.024			12:43:26 PM
20700	0.034			12:58:26 PM
21600	0.031			1:13:26 PM
22500	0.028			1:28:26 PM
23400	0.024			1:43:26 PM
24300	0.019			1:58:26 PM
25200	0.018			2:13:26 PM
26100	0.015			2:28:26 PM
27000	0.019			2:43:26 PM

Downwind		
Instrument Name	DustTrak II	
Model Number	8530	
Serial Number	8530172413	
Firmware Version	3.7	
Calibration Date	6/15/2017	
Test Name	MANUAL_015	
Test Start Time	7:13:48 AM	
Test Start Date	4/27/2020	
Test Length [D:H:M]	0:07:30	
Test Interval [M:S]	15:00	
Mass Average [mg/m3]	0.012	
Mass Minimum [mg/m3]	0.002	
Mass Maximum [mg/m3]	0.039	
Mass TWA [mg/m3]	0.011	
Photometric User Cal	0.72	
Flow User Cal	0	
Errors		
Number of Samples	30	

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors	Time
900	0.039			7:28:48 AM
1800	0.032			7:43:48 AM
2700	0.029			7:58:48 AM
3600	0.024			8:13:48 AM
4500	0.017			8:28:48 AM
5400	0.015			8:43:48 AM
6300	0.012			8:58:48 AM
7200	0.008			9:13:48 AM
8100	0.005			9:28:48 AM
9000	0.003			9:43:48 AM
9900	0.004			9:58:48 AM
10800	0.003			10:13:48 AM
11700	0.003			10:28:48 AM
12600	0.003			10:43:48 AM
13500	0.003			10:58:48 AM
14400	0.003			11:13:48 AM
15300	0.003			11:28:48 AM
16200	0.003			11:43:48 AM
17100	0.004			11:58:48 AM
18000	0.004			12:13:48 PM
18900	0.007			12:28:48 PM
19800	0.006			12:43:48 PM
20700	0.005			12:58:48 PM
21600	0.008			1:13:48 PM
22500	0.015			1:28:48 PM
23400	0.012			1:43:48 PM
24300	0.018			1:58:48 PM
25200	0.016			2:13:48 PM
26100	0.022			2:28:48 PM
27000	0.021			2:43:48 PM

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/28/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:27:11 AM	12	7:27:03 AM	45	33	
7:42:11 AM	10	7:42:03 AM	11	1	
7:57:11 AM	9	7:57:03 AM	11	2	
8:12:11 AM	5	8:12:03 AM	12	7	
8:27:11 AM	7	8:27:03 AM	9	2	
8:42:11 AM	13	8:42:03 AM	12	-1	
8:57:11 AM	15	8:57:03 AM	24	9	
9:12:11 AM	11	9:12:03 AM	20	9	
9:27:11 AM	8	9:27:03 AM	12	4	
9:42:11 AM	9	9:42:03 AM	28	19	
9:57:11 AM	13	9:57:03 AM	25	12	
10:12:11 AM	12	10:12:03 AM	22	10	
10:27:11 AM	16	10:27:03 AM	47	31	
10:42:11 AM	15	10:42:03 AM	20	5	
10:57:11 AM	11	10:57:03 AM	11	0	
11:12:11 AM	8	11:12:03 AM	39	31	
11:27:11 AM	9	11:27:03 AM	28	19	
11:42:11 AM	7	11:42:03 AM	24	17	
11:57:11 AM	10	11:57:03 AM	19	9	
12:12:11 PM	11	12:12:03 PM	27	16	
12:27:11 PM	8	12:27:03 PM	33	25	
12:42:11 PM	6	12:42:03 PM	38	32	
12:57:11 PM	5	12:57:03 PM	36	31	
1:12:11 PM	3	1:12:03 PM	41	38	
1:27:11 PM	7	1:27:03 PM	42	35	
1:42:11 PM	11	1:42:03 PM	37	26	
1:57:11 PM	15	1:57:03 PM	34	19	
2:12:11 PM	13	2:12:03 PM	28	15	
2:27:11 PM	11	2:27:03 PM	33	22	
2:42:11 PM	12	2:42:03 PM	25	13	

CA RICH Consultants
Community Air Monitoring Program - DUST (PM-10)

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 4/29/2020

Upwind Serial Number 8530102614
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
9:40:45 AM	7	9:38:21 AM	19	12	Delyaed start due to precipitation onsite
9:55:45 AM	3	9:53:21 AM	16	13	
10:10:45 AM	2	10:08:21 AM	23	21	
10:25:45 AM	5	10:23:21 AM	24	19	
10:40:45 AM	4	10:38:21 AM	19	15	
10:55:45 AM	6	10:53:21 AM	15	9	
11:10:45 AM	5	11:08:21 AM	48	43	
11:25:45 AM	3	11:23:21 AM	16	13	
11:40:45 AM	2	11:38:21 AM	30	28	
11:55:45 AM	5	11:53:21 AM	18	13	
12:10:45 PM	4	12:08:21 PM	22	18	
12:25:45 PM	9	12:23:21 PM	14	5	
12:40:45 PM	3	12:38:21 PM	18	15	
12:55:45 PM	5	12:53:21 PM	14	9	
1:10:45 PM	6	1:08:21 PM	16	10	
1:25:45 PM	4	1:23:21 PM	21	17	
1:40:45 PM	2	1:38:21 PM	32	30	
1:55:45 PM	6	1:53:21 PM	16	10	
2:10:45 PM	9	2:08:21 PM	12	3	
2:25:45 PM	8	2:23:21 PM	15	7	
2:40:45 PM	4	2:38:21 PM	14	10	

CA RICH Consutants**Community Air Monitoring Program - DUST (PM-10)**

Project: Far Rockaway
Location: 20-02 Mott Avenue
Date: 4/30/2020

Upwind Serial Number 8530102614
Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
11:09:31 AM	34	11:11:21 AM	25	-9	Delyaed start due to precipitation onsite
11:24:31 AM	18	11:26:21 AM	27	9	
11:39:31 AM	18	11:41:21 AM	33	15	
11:54:31 AM	18	11:56:21 AM	36	18	
12:09:31 PM	16	12:11:21 PM	28	12	
12:24:31 PM	13	12:26:21 PM	24	11	
12:39:31 PM	13	12:41:21 PM	21	8	
12:54:31 PM	14	12:56:21 PM	19	5	
1:09:31 PM	16	1:11:21 PM	26	10	
1:24:31 PM	16	1:26:21 PM	25	9	
1:39:31 PM	18	1:41:21 PM	22	4	
1:54:31 PM	18	1:56:21 PM	29	11	
2:09:31 PM	18	2:11:21 PM	35	17	
2:24:31 PM	18	2:26:21 PM	38	20	
2:39:31 PM	20	2:41:21 PM	36	16	