



January 8, 2020

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

Attn: Christopher Allan
Environmental Engineer

Re: **Monthly Progress Report – December 2019**
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 December 1, 2019 to December 31, 2019.

The following activities occurred In December 2019:

1. Site Activities
 - Grading of soils and installation of building footings.
 - Installation of construction vapor barrier
 - Support of excavation activities
 - Excavation and disposal of soils. 114 Loads of soil were removed and transported to Blue Water Environmental in Island Park, NY for disposal.
2. Reporting Activities
 - Daily reports have been submitted in accordance with the RAWP.
3. Sampling Activities
 - Collected Waste Characterization soil samples from Building H footprint from a depth of 0-7 feet.
4. Notable deviations
 - No dust monitoring occurred on 12/2, 12/9, 12/17, and 12/30 due to rainy site conditions. Site was closed on 12/24, 12/25, and 12/31.
5. Other activities
 - None

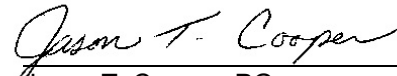
The following work is planned for the Site/Project in January 2020:

- Continue construction of Building B
- Continue with excavation for footings in Building C.
- Continue trucking soils from Building C if needed.
- Continue disposing of soils from reuse stockpile.
- Begin waterproofing, backfilling behind sidewalls, finish up sidewalls, and pouring concrete mat slabs in Building C.

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/2/2019

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: 12/3/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:35:36 AM	6	7:32:42 AM	11	5	
7:50:36 AM	3	7:47:42 AM	9	6	
8:05:36 AM	2	8:02:42 AM	9	7	
8:20:36 AM	1	8:17:42 AM	10	9	
8:35:36 AM	1	8:32:42 AM	10	9	
8:50:36 AM	1	8:47:42 AM	11	10	
9:05:36 AM	2	9:02:42 AM	13	11	
9:20:36 AM	1	9:17:42 AM	15	14	
9:35:36 AM	1	9:32:42 AM	14	13	
9:50:36 AM	4	9:47:42 AM	13	9	
10:05:36 AM	3	10:02:42 AM	13	10	
10:20:36 AM	3	10:17:42 AM	12	9	
10:35:36 AM	3	10:32:42 AM	11	8	
10:50:36 AM	2	10:47:42 AM	11	9	
11:05:36 AM	2	11:02:42 AM	10	8	
11:20:36 AM	2	11:17:42 AM	10	8	
11:35:36 AM	2	11:32:42 AM	9	7	
11:50:36 AM	2	11:47:42 AM	8	6	
12:05:36 PM	2	12:02:42 PM	8	6	
12:20:36 PM	2	12:17:42 PM	7	5	
12:35:36 PM	3	12:32:42 PM	8	5	
12:50:36 PM	3	12:47:42 PM	10	7	
1:05:36 PM	3	1:02:42 PM	9	6	
1:20:36 PM	4	1:17:42 PM	11	7	
1:35:36 PM	4	1:32:42 PM	10	6	
1:50:36 PM	3	1:47:42 PM	13	10	
2:05:36 PM	3	2:02:42 PM	11	8	
2:20:36 PM	2	2:17:42 PM	9	7	
2:35:36 PM	2	2:32:42 PM	7	5	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/4/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:35:37 AM	19	7:33:07 AM	34	15	
7:50:37 AM	12	7:48:07 AM	33	21	
8:05:37 AM	10	8:03:07 AM	35	25	
8:20:37 AM	8	8:18:07 AM	37	29	
8:35:37 AM	7	8:33:07 AM	38	31	
8:50:37 AM	7	8:48:07 AM	38	31	
9:05:37 AM	6	9:03:07 AM	40	34	
9:20:37 AM	6	9:18:07 AM	42	36	
9:35:37 AM	6	9:33:07 AM	44	38	
9:50:37 AM	6	9:48:07 AM	44	38	
10:05:37 AM	11	10:03:07 AM	40	29	
10:20:37 AM	17	10:18:07 AM	41	24	
10:35:37 AM	14	10:33:07 AM	42	28	
10:50:37 AM	12	10:48:07 AM	41	29	
11:05:37 AM	17	11:03:07 AM	39	22	
11:20:37 AM	24	11:18:07 AM	39	15	
11:35:37 AM	22	11:33:07 AM	38	16	
11:50:37 AM	18	11:48:07 AM	38	20	
12:05:37 PM	18	12:03:07 PM	37	19	
12:20:37 PM	21	12:18:07 PM	37	16	
12:35:37 PM	26	12:33:07 PM	40	14	
12:50:37 PM	22	12:48:07 PM	33	11	
1:05:37 PM	19	1:03:07 PM	36	17	
1:20:37 PM	14	1:18:07 PM	35	21	
1:35:37 PM	18	1:33:07 PM	39	21	
1:50:37 PM	16	1:48:07 PM	41	25	
2:05:37 PM	17	2:03:07 PM	38	21	
2:20:37 PM	15	2:18:07 PM	32	17	
2:35:37 PM	12	2:33:07 PM	36	24	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/5/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:33:01 AM	9	7:37:32 AM	14	5	
7:48:01 AM	6	7:52:32 AM	12	6	
8:03:01 AM	5	8:07:32 AM	12	7	
8:18:01 AM	4	8:22:32 AM	8	4	
8:33:01 AM	4	8:37:32 AM	9	5	
8:48:01 AM	3	8:52:32 AM	20	17	
9:03:01 AM	4	9:07:32 AM	12	8	
9:18:01 AM	4	9:22:32 AM	10	6	
9:33:01 AM	3	9:37:32 AM	13	10	
9:48:01 AM	3	9:52:32 AM	32	29	
10:03:01 AM	3	10:07:32 AM	8	5	
10:18:01 AM	3	10:22:32 AM	7	4	
10:33:01 AM	3	10:37:32 AM	7	4	
10:48:01 AM	3	10:52:32 AM	6	3	
11:03:01 AM	3	11:07:32 AM	4	1	
11:18:01 AM	4	11:22:32 AM	6	2	
11:33:01 AM	4	11:37:32 AM	16	12	
11:48:01 AM	4	11:52:32 AM	6	2	
12:03:01 PM	4	12:07:32 PM	8	4	
12:18:01 PM	5	12:22:32 PM	13	8	
12:33:01 PM	5	12:37:32 PM	16	11	
12:48:01 PM	6	12:52:32 PM	11	5	
1:03:01 PM	6	1:07:32 PM	15	9	
1:18:01 PM	7	1:22:32 PM	19	12	
1:33:01 PM	9	1:37:32 PM	22	13	
1:48:01 PM	7	1:52:32 PM	18	11	
2:03:01 PM	6	2:07:32 PM	16	10	
2:18:01 PM	5	2:22:32 PM	11	6	
2:33:01 PM	8	2:37:32 PM	13	5	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/6/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:34:49 AM	9	7:38:02 AM	16	7	
7:49:49 AM	6	7:53:02 AM	13	7	
8:04:49 AM	5	8:08:02 AM	16	11	
8:19:49 AM	5	8:23:02 AM	15	10	
8:34:49 AM	4	8:38:02 AM	15	11	
8:49:49 AM	4	8:53:02 AM	16	12	
9:04:49 AM	4	9:08:02 AM	17	13	
9:19:49 AM	5	9:23:02 AM	20	15	
9:34:49 AM	8	9:38:02 AM	16	8	
9:49:49 AM	11	9:53:02 AM	18	7	
10:04:49 AM	8	10:08:02 AM	15	7	
10:19:49 AM	7	10:23:02 AM	15	8	
10:34:49 AM	8	10:38:02 AM	16	8	
10:49:49 AM	8	10:53:02 AM	14	6	
11:04:49 AM	7	11:08:02 AM	14	7	
11:19:49 AM	7	11:23:02 AM	15	8	
11:34:49 AM	6	11:38:02 AM	15	9	
11:49:49 AM	6	11:53:02 AM	15	9	
12:04:49 PM	7	12:08:02 PM	16	9	
12:19:49 PM	7	12:23:02 PM	17	10	
12:34:49 PM	8	12:38:02 PM	14	6	
12:49:49 PM	7	12:53:02 PM	19	12	
1:04:49 PM	6	1:08:02 PM	18	12	
1:19:49 PM	7	1:23:02 PM	15	8	
1:34:49 PM	9	1:38:02 PM	17	8	
1:49:49 PM	10	1:53:02 PM	17	7	
2:04:49 PM	9	2:08:02 PM	14	5	
2:19:49 PM	8	2:23:02 PM	15	7	
2:34:49 PM	10	2:38:02 PM	18	8	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/9/2019

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: 12/10/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:36:47 AM	20	7:38:53 AM	32	12	
7:51:47 AM	14	7:53:53 AM	31	17	
8:06:47 AM	11	8:08:53 AM	35	24	
8:21:47 AM	9	8:23:53 AM	38	29	
8:36:47 AM	8	8:38:53 AM	47	39	
8:51:47 AM	7	8:53:53 AM	35	28	
9:06:47 AM	6	9:08:53 AM	30	24	
9:21:47 AM	5	9:23:53 AM	30	25	
9:36:47 AM	5	9:38:53 AM	28	23	
9:51:47 AM	5	9:53:53 AM	29	24	
10:06:47 AM	4	10:08:53 AM	28	24	
10:21:47 AM	5	10:23:53 AM	31	26	
10:36:47 AM	7	10:38:53 AM	32	25	
10:51:47 AM	8	10:53:53 AM	13	5	
No CAMP due to precipitation onsite.					

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/11/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
10:31:40 AM	8	10:24:01 AM	9	1	CAMP starts late due to precipitation onsite.
10:46:40 AM	6	10:39:01 AM	10	4	
11:01:40 AM	5	10:54:01 AM	11	6	
11:16:40 AM	4	11:09:01 AM	13	9	
11:31:40 AM	4	11:24:01 AM	15	11	
11:46:40 AM	4	11:39:01 AM	16	12	
12:01:40 PM	4	11:54:01 AM	14	10	
12:16:40 PM	4	12:09:01 PM	14	10	
12:31:40 PM	4	12:24:01 PM	15	11	
12:46:40 PM	7	12:39:01 PM	15	8	
1:01:40 PM	7	12:54:01 PM	16	9	
1:16:40 PM	6	1:09:01 PM	17	11	
1:31:40 PM	5	1:24:01 PM	17	12	
1:46:40 PM	7	1:39:01 PM	14	7	
2:01:40 PM	6	1:54:01 PM	15	9	
2:16:40 PM	5	2:09:01 PM	13	8	
2:31:40 PM	6	2:24:01 PM	14	8	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/12/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:36:57 AM	10	7:33:54 AM	18	8	
7:51:57 AM	8	7:48:54 AM	12	4	
8:06:57 AM	12	8:03:54 AM	13	1	
8:21:57 AM	34	8:18:54 AM	12	-22	
8:36:57 AM	32	8:33:54 AM	9	-23	
8:51:57 AM	12	8:48:54 AM	9	-3	
9:06:57 AM	13	9:03:54 AM	9	-4	
9:21:57 AM	13	9:18:54 AM	9	-4	
9:36:57 AM	13	9:33:54 AM	9	-4	
9:51:57 AM	15	9:48:54 AM	12	-3	
10:06:57 AM	25	10:03:54 AM	10	-15	
10:21:57 AM	10	10:18:54 AM	10	0	
10:36:57 AM	7	10:33:54 AM	9	2	
10:51:57 AM	6	10:48:54 AM	9	3	
11:06:57 AM	6	11:03:54 AM	9	3	
11:21:57 AM	8	11:18:54 AM	10	2	
11:36:57 AM	10	11:33:54 AM	10	0	
11:51:57 AM	10	11:48:54 AM	10	0	
12:06:57 PM	16	12:03:54 PM	13	-3	
12:21:57 PM	19	12:18:54 PM	15	-4	
12:36:57 PM	22	12:33:54 PM	12	-10	
12:51:57 PM	25	12:48:54 PM	16	-9	
1:06:57 PM	23	1:03:54 PM	15	-8	
1:21:57 PM	24	1:18:54 PM	11	-13	
1:36:57 PM	21	1:33:54 PM	12	-9	
1:51:57 PM	19	1:48:54 PM	16	-3	
2:06:57 PM	14	2:03:54 PM	14	0	
2:21:57 PM	16	2:18:54 PM	11	-5	
2:36:57 PM	21	2:33:54 PM	15	-6	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/13/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
11:02:46 AM	28	11:09:27 AM	58	30	CAMP starts late due to precipitation onsite.
11:17:46 AM	13	11:24:27 AM	31	18	
11:32:46 AM	9	11:39:27 AM	46	37	
11:47:46 AM	7	11:54:27 AM	24	17	
12:02:46 PM	6	12:09:27 PM	22	16	
12:17:46 PM	6	12:24:27 PM	14	8	
12:32:46 PM	5	12:39:27 PM	15	10	
12:47:46 PM	5	12:54:27 PM	20	15	
1:02:46 PM	4	1:09:27 PM	80	76	
1:17:46 PM	5	1:24:27 PM	57	52	
1:32:46 PM	9	1:39:27 PM	49	40	
1:47:46 PM	11	1:54:27 PM	63	52	
2:02:46 PM	13	2:09:27 PM	32	19	
2:17:46 PM	12	2:24:27 PM	19	7	
2:32:46 PM	16	2:39:27 PM	22	6	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/16/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:40:49 AM	12	7:36:43 AM	16	4	
7:55:49 AM	7	7:51:43 AM	13	6	
8:10:49 AM	5	8:06:43 AM	14	9	
8:25:49 AM	5	8:21:43 AM	13	8	
8:40:49 AM	4	8:36:43 AM	15	11	
8:55:49 AM	4	8:51:43 AM	15	11	
9:10:49 AM	4	9:06:43 AM	15	11	
9:25:49 AM	4	9:21:43 AM	16	12	
9:40:49 AM	4	9:36:43 AM	17	13	
9:55:49 AM	4	9:51:43 AM	18	14	
10:10:49 AM	9	10:06:43 AM	17	8	
10:25:49 AM	8	10:21:43 AM	17	9	
10:40:49 AM	16	10:36:43 AM	17	1	
10:55:49 AM	13	10:51:43 AM	18	5	
11:10:49 AM	17	11:06:43 AM	20	3	
11:25:49 AM	22	11:21:43 AM	19	-3	
11:40:49 AM	19	11:36:43 AM	19	0	
11:55:49 AM	28	11:51:43 AM	21	-7	
12:10:49 PM	26	12:06:43 PM	21	-5	
12:25:49 PM	24	12:21:43 PM	22	-2	
12:40:49 PM	18	12:36:43 PM	20	2	
12:55:49 PM	17	12:51:43 PM	18	1	
1:10:49 PM	12	1:06:43 PM	19	7	
1:25:49 PM	9	1:21:43 PM	21	12	
1:40:49 PM	8	1:36:43 PM	17	9	
1:55:49 PM	4	1:51:43 PM	16	12	
2:10:49 PM	11	2:06:43 PM	14	3	
2:25:49 PM	16	2:21:43 PM	15	-1	
2:40:49 PM	13	2:36:43 PM	19	6	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/17/2019

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: 12/18/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:34:02 AM	14	7:32:17 AM	21	7	
7:49:02 AM	9	7:47:17 AM	20	11	
8:04:02 AM	7	8:02:17 AM	18	11	
8:19:02 AM	10	8:17:17 AM	17	7	
8:34:02 AM	8	8:32:17 AM	17	9	
8:49:02 AM	6	8:47:17 AM	17	11	
9:04:02 AM	5	9:02:17 AM	15	10	
9:19:02 AM	5	9:17:17 AM	15	10	
9:34:02 AM	5	9:32:17 AM	17	12	
9:49:02 AM	4	9:47:17 AM	18	14	
10:04:02 AM	5	10:02:17 AM	19	14	
10:19:02 AM	5	10:17:17 AM	20	15	
10:34:02 AM	5	10:32:17 AM	24	19	
10:49:02 AM	5	10:47:17 AM	25	20	
11:04:02 AM	5	11:02:17 AM	26	21	
11:19:02 AM	7	11:17:17 AM	27	20	
11:34:02 AM	13	11:32:17 AM	28	15	
11:49:02 AM	9	11:47:17 AM	24	15	
12:04:02 PM	11	12:02:17 PM	23	12	
12:19:02 PM	12	12:17:17 PM	26	14	
12:34:02 PM	8	12:32:17 PM	22	14	
12:49:02 PM	6	12:47:17 PM	19	13	
1:04:02 PM	8	1:02:17 PM	21	13	
1:19:02 PM	10	1:17:17 PM	22	12	
1:34:02 PM	11	1:32:17 PM	18	7	
1:49:02 PM	12	1:47:17 PM	16	4	
2:04:02 PM	9	2:02:17 PM	19	10	
2:19:02 PM	7	2:17:17 PM	22	15	
2:34:02 PM	8	2:32:17 PM	21	13	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/19/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:34:05 AM	8	7:33:41 AM	11	3	
7:49:05 AM	6	7:48:41 AM	11	5	
8:04:05 AM	5	8:03:41 AM	13	8	
8:19:05 AM	5	8:18:41 AM	13	8	
8:34:05 AM	5	8:33:41 AM	12	7	
8:49:05 AM	5	8:48:41 AM	13	8	
9:04:05 AM	5	9:03:41 AM	13	8	
9:19:05 AM	6	9:18:41 AM	13	7	
9:34:05 AM	8	9:33:41 AM	13	5	
9:49:05 AM	6	9:48:41 AM	12	6	
10:04:05 AM	6	10:03:41 AM	13	7	
10:19:05 AM	6	10:18:41 AM	12	6	
10:34:05 AM	6	10:33:41 AM	14	8	
10:49:05 AM	6	10:48:41 AM	14	8	
11:04:05 AM	6	11:03:41 AM	15	9	
11:19:05 AM	6	11:18:41 AM	14	8	
11:34:05 AM	6	11:33:41 AM	13	7	
11:49:05 AM	8	11:48:41 AM	13	5	
12:04:05 PM	8	12:03:41 PM	14	6	
12:19:05 PM	7	12:18:41 PM	12	5	
12:34:05 PM	8	12:33:41 PM	12	4	
12:49:05 PM	9	12:48:41 PM	13	4	
1:04:05 PM	11	1:03:41 PM	12	1	
1:19:05 PM	8	1:18:41 PM	11	3	
1:34:05 PM	9	1:33:41 PM	13	4	
1:49:05 PM	10	1:48:41 PM	12	2	
2:04:05 PM	8	2:03:41 PM	14	6	
2:19:05 PM	7	2:18:41 PM	12	5	
2:34:05 PM	9	2:33:41 PM	13	4	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/20/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:31:48 AM	8	7:29:01 AM	14	6	
7:46:48 AM	5	7:44:01 AM	12	7	
8:01:48 AM	5	7:59:01 AM	11	6	
8:16:48 AM	4	8:14:01 AM	12	8	
8:31:48 AM	4	8:29:01 AM	12	8	
8:46:48 AM	4	8:44:01 AM	12	8	
9:01:48 AM	4	8:59:01 AM	11	7	
9:16:48 AM	4	9:14:01 AM	12	8	
9:31:48 AM	5	9:29:01 AM	13	8	
9:46:48 AM	5	9:44:01 AM	17	12	
10:01:48 AM	7	9:59:01 AM	15	8	
10:16:48 AM	6	10:14:01 AM	16	10	
10:31:48 AM	4	10:29:01 AM	12	8	
10:46:48 AM	8	10:44:01 AM	13	5	
11:01:48 AM	7	10:59:01 AM	15	8	
No intrusive work taking place, No CAMP for rest of the day.					

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/23/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:33:13 AM	69	7:30:56 AM	66	-3	
7:48:13 AM	68	7:45:56 AM	79	11	
8:03:13 AM	73	8:00:56 AM	77	4	
8:18:13 AM	76	8:15:56 AM	78	2	
8:33:13 AM	82	8:30:56 AM	90	8	
8:48:13 AM	78	8:45:56 AM	80	2	
9:03:13 AM	76	9:00:56 AM	82	6	
9:18:13 AM	74	9:15:56 AM	81	7	
9:33:13 AM	72	9:30:56 AM	84	12	
9:48:13 AM	70	9:45:56 AM	82	12	
10:03:13 AM	68	10:00:56 AM	84	16	
10:18:13 AM	63	10:15:56 AM	80	17	
10:33:13 AM	61	10:30:56 AM	76	15	
10:48:13 AM	57	10:45:56 AM	71	14	
11:03:13 AM	56	11:00:56 AM	69	13	
11:18:13 AM	54	11:15:56 AM	67	13	
11:33:13 AM	55	11:30:56 AM	69	14	
11:48:13 AM	58	11:45:56 AM	68	10	
12:03:13 PM	57	12:00:56 PM	64	7	
12:18:13 PM	57	12:15:56 PM	63	6	
12:33:13 PM	52	12:30:56 PM	62	10	
12:48:13 PM	52	12:45:56 PM	62	10	
1:03:13 PM	52	1:00:56 PM	61	9	
1:18:13 PM	57	1:15:56 PM	61	4	
1:33:13 PM	47	1:30:56 PM	62	15	
1:48:13 PM	46	1:45:56 PM	53	7	
2:03:13 PM	40	2:00:56 PM	55	15	
2:18:13 PM	32	2:15:56 PM	57	25	
2:33:13 PM	28	2:30:56 PM	61	33	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/26/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:31:58 AM	25	7:31:33 AM	28	3	
7:46:58 AM	22	7:46:33 AM	26	4	
8:01:58 AM	20	8:01:33 AM	23	3	
8:16:58 AM	22	8:16:33 AM	25	3	
8:31:58 AM	23	8:31:33 AM	27	4	
8:46:58 AM	21	8:46:33 AM	25	4	
9:01:58 AM	20	9:01:33 AM	22	2	
9:16:58 AM	18	9:16:33 AM	21	3	
9:31:58 AM	20	9:31:33 AM	23	3	
9:46:58 AM	20	9:46:33 AM	23	3	
10:01:58 AM	21	10:01:33 AM	23	2	
10:16:58 AM	20	10:16:33 AM	22	2	
10:31:58 AM	20	10:31:33 AM	21	1	
10:46:58 AM	19	10:46:33 AM	21	2	
11:01:58 AM	19	11:01:33 AM	20	1	
11:16:58 AM	20	11:16:33 AM	22	2	
11:31:58 AM	20	11:31:33 AM	22	2	
11:46:58 AM	19	11:46:33 AM	20	1	
12:01:58 PM	18	12:01:33 PM	20	2	
12:16:58 PM	18	12:16:33 PM	19	1	
12:31:58 PM	18	12:31:33 PM	19	1	
12:46:58 PM	20	12:46:33 PM	22	2	
1:01:58 PM	20	1:01:33 PM	21	1	
1:16:58 PM	18	1:16:33 PM	20	2	
1:31:58 PM	17	1:31:33 PM	18	1	
1:46:58 PM	15	1:46:33 PM	15	0	
2:01:58 PM	13	2:01:33 PM	13	0	
2:16:58 PM	12	2:16:33 PM	12	0	
2:31:58 PM	11	2:31:33 PM	11	0	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/27/2019

Upwind Serial Number 8530172413
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:34:38 AM	12	7:32:33 AM	13	1	
7:49:38 AM	10	7:47:33 AM	12	2	
8:04:38 AM	9	8:02:33 AM	12	3	
8:19:38 AM	9	8:17:33 AM	12	3	
8:34:38 AM	8	8:32:33 AM	12	4	
8:49:38 AM	8	8:47:33 AM	12	4	
9:04:38 AM	8	9:02:33 AM	14	6	
9:19:38 AM	9	9:17:33 AM	13	4	
9:34:38 AM	9	9:32:33 AM	14	5	
9:49:38 AM	8	9:47:33 AM	14	6	
10:04:38 AM	8	10:02:33 AM	13	5	
10:19:38 AM	8	10:17:33 AM	15	7	
10:34:38 AM	8	10:32:33 AM	14	6	
10:49:38 AM	8	10:47:33 AM	15	7	
11:04:38 AM	8	11:02:33 AM	16	8	
11:19:38 AM	8	11:17:33 AM	15	7	
11:34:38 AM	9	11:32:33 AM	14	5	
11:49:38 AM	12	11:47:33 AM	15	3	
12:04:38 PM	11	12:02:33 PM	15	4	
12:19:38 PM	13	12:17:33 PM	16	3	
12:34:38 PM	15	12:32:33 PM	18	3	
12:49:38 PM	14	12:47:33 PM	18	4	
1:04:38 PM	14	1:02:33 PM	19	5	
1:19:38 PM	15	1:17:33 PM	21	6	
1:34:38 PM	16	1:32:33 PM	22	6	
1:49:38 PM	16	1:47:33 PM	21	5	
2:04:38 PM	17	2:02:33 PM	19	2	
2:19:38 PM	15	2:17:33 PM	20	5	
2:34:38 PM	16	2:32:33 PM	18	2	

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

Project: Far Rockaway
 Location: 20-02 Mott Avenue
 Date: 12/30/2019

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: 12/31/2020

Upwind Serial Number 8530173316
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:35:43 AM	13	7:34:29 AM	14	1	
7:50:43 AM	9	7:49:29 AM	16	7	
8:05:43 AM	9	8:04:29 AM	19	10	
8:20:43 AM	9	8:19:29 AM	12	3	
8:35:43 AM	10	8:34:29 AM	8	-2	
8:50:43 AM	9	8:49:29 AM	9	0	
9:05:43 AM	9	9:04:29 AM	11	2	
9:20:43 AM	13	9:19:29 AM	15	2	
9:35:43 AM	15	9:34:29 AM	18	3	
9:50:43 AM	6	9:49:29 AM	17	11	
10:05:43 AM	8	10:04:29 AM	22	14	
10:20:43 AM	7	10:19:29 AM	19	12	
10:35:43 AM	10	10:34:29 AM	14	4	
10:50:43 AM	9	10:49:29 AM	13	4	
11:05:43 AM	11	11:04:29 AM	16	5	
11:20:43 AM	12	11:19:29 AM	18	6	
11:35:43 AM	11	11:34:29 AM	17	6	
11:50:43 AM	8	11:49:29 AM	16	8	
12:05:43 PM	13	12:04:29 PM	16	3	
12:20:43 PM	15	12:19:29 PM	19	4	
12:35:43 PM	16	12:34:29 PM	21	5	
12:50:43 PM	14	12:49:29 PM	24	10	
1:05:43 PM	12	1:04:29 PM	22	10	
1:20:43 PM	19	1:19:29 PM	21	2	
1:35:43 PM	17	1:34:29 PM	17	0	
1:50:43 PM	14	1:49:29 PM	16	2	
2:05:43 PM	15	2:04:29 PM	18	3	
2:20:43 PM	12	2:19:29 PM	21	9	
2:35:43 PM	11	2:34:29 PM	22	11	