



March 9, 2020

**NYSDEC**  
**Division of Environmental Remediation**  
47-40-21<sup>st</sup> Street  
Long Island City, NY 11101

Attn: Christopher Allan  
Environmental Engineer

Re: **Monthly Progress Report – February 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 February 1, 2020 to February 29, 2020.

**The following activities occurred In February 2020:**

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 as follows:
    - A. 343 Loads of soil were removed and transported to Clean Earth of Bethlehem in Bethlehem, PA for disposal.
    - B. 39 Loads of soil were transferred to 97-01 Northern Boulevard in Queens, NY via Clean Soil Bank transfer #20CCSB151.
  - Removal of asphalt and concrete as follows:
    - A. 44 loads of concrete and debris were exported to the Russo facility in Rosedale, NY.
    - B. 13 loads of asphalt were exported to the Tilcon Facility in West Nyack, NY.
    - C. 19 loads of concrete were exported to the P. Park facility in Prospect Park, New Jersey.
    - D. 6 loads of concrete and debris were exported to the Mount Materials LLC facility in Fairless Hills, Pennsylvania
2. Reporting Activities
  - Daily reports have been submitted in accordance with the RAWP.
3. Sampling Activities
  - Collect endpoint samples EP-11, EP-69, EP-70, EP-71, EP-72, EP-73, and EP-74 on February 26, 2020; EP-59, EP-60, EP-61, EP-62, EP-63, EP-64, EP-65, EP-66, EP-67, and EP-68 on February 17, 2020
4. Notable deviations
  - None

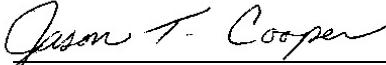
**The following work is planned for the Site/Project in February 2020:**

- Continue with construction of Building B
- Continue with construction of Building C.
- Continue excavating for Building H1/H2 and begin foundation work.
- Soil removal will not continue for approximately 4 months. 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: 20-10 Mott Avenue  
 Date: 2/3/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:16:17 AM	46	7:22:28 AM	42	-4	
7:31:17 AM	43	7:37:28 AM	56	13	
7:46:17 AM	44	7:52:28 AM	39	-5	
8:01:17 AM	41	8:07:28 AM	38	-3	
8:16:17 AM	41	8:22:28 AM	37	-4	
8:31:17 AM	41	8:37:28 AM	38	-3	
8:46:17 AM	62	8:52:28 AM	39	-23	
9:01:17 AM	43	9:07:28 AM	38	-5	
9:16:17 AM	43	9:22:28 AM	38	-5	
9:31:17 AM	40	9:37:28 AM	36	-4	
9:46:17 AM	39	9:52:28 AM	36	-3	
10:01:17 AM	36	10:07:28 AM	34	-2	
10:16:17 AM	34	10:22:28 AM	31	-3	
10:31:17 AM	30	10:37:28 AM	28	-2	
10:46:17 AM	29	10:52:28 AM	25	-4	
11:01:17 AM	33	11:07:28 AM	27	-6	
11:16:17 AM	30	11:22:28 AM	27	-3	
11:31:17 AM	24	11:37:28 AM	20	-4	
11:46:17 AM	25	11:52:28 AM	17	-8	
12:01:17 PM	23	12:07:28 PM	16	-7	
12:16:17 PM	24	12:22:28 PM	17	-7	
12:31:17 PM	21	12:37:28 PM	19	-2	
12:46:17 PM	20	12:52:28 PM	18	-2	
1:01:17 PM	19	1:07:28 PM	22	3	
1:16:17 PM	21	1:22:28 PM	18	-3	
1:31:17 PM	19	1:37:28 PM	18	-1	
1:46:17 PM	19	1:52:28 PM	16	-3	
2:01:17 PM	20	2:07:28 PM	15	-5	
2:16:17 PM	22	2:22:28 PM	19	-3	
2:31:17 PM	20	2:37:28 PM	17	-3	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/4/2020

Upwind Serial Number 0  
 Downwind Serial Number 0

Upwind		Downwind		Corrected <sup>1</sup> 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: 20-10 Mott Avenue  
 Date: 2/5/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:02:50 AM	7	7:06:58 AM	9	2	
7:17:50 AM	7	7:21:58 AM	7	0	
7:32:50 AM	7	7:36:58 AM	7	0	
7:47:50 AM	6	7:51:58 AM	7	1	
8:02:50 AM	6	8:06:58 AM	10	4	
8:17:50 AM	7	8:21:58 AM	8	1	
8:32:50 AM	9	8:36:58 AM	8	-1	
8:47:50 AM	12	8:51:58 AM	9	-3	
9:02:50 AM	14	9:06:58 AM	9	-5	
9:17:50 AM	10	9:21:58 AM	16	6	
9:32:50 AM	12	9:36:58 AM	11	-1	
9:47:50 AM	11	9:51:58 AM	12	1	
10:02:50 AM	9	10:06:58 AM	13	4	
10:17:50 AM	9	10:21:58 AM	11	2	
10:32:50 AM	9	10:36:58 AM	10	1	
10:47:50 AM	8	10:51:58 AM	11	3	
11:02:50 AM	9	11:06:58 AM	15	6	
11:17:50 AM	9	11:21:58 AM	12	3	
11:32:50 AM	10	11:36:58 AM	12	2	
11:47:50 AM	10	11:51:58 AM	16	6	
12:02:50 PM	8	12:06:58 PM	11	3	
12:17:50 PM	9	12:21:58 PM	11	2	
12:32:50 PM	9	12:36:58 PM	12	3	
12:47:50 PM	10	12:51:58 PM	10	0	
1:02:50 PM	14	1:06:58 PM	11	-3	
1:17:50 PM	14	1:21:58 PM	12	-2	
1:32:50 PM	13	1:36:58 PM	12	-1	
1:47:50 PM	11	1:51:58 PM	13	2	
2:02:50 PM	11	2:06:58 PM	12	1	
2:17:50 PM	10	2:21:58 PM	12	2	
2:32:50 PM	12	2:36:58 PM	12	0	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/6/2020

Upwind Serial Number 0  
 Downwind Serial Number 0

Upwind		Downwind		Corrected <sup>1</sup> 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: 20-10 Mott Avenue  
Date: 2/7/2020

Upwind Serial Number 8530173316  
Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
--	0	7:01:04 AM	6	0	
7:15:06 AM	6	7:16:04 AM	10	2	
7:30:06 AM	8	7:31:04 AM	10	-4	
7:45:06 AM	14	7:46:04 AM	15	-1	
8:00:06 AM	16	8:01:04 AM	21	5	
8:15:06 AM	16	8:16:04 AM	21	8	
8:30:06 AM	13	8:31:04 AM	16	0	
8:45:06 AM	16	8:46:04 AM	16	0	
9:00:06 AM	16	9:01:04 AM	13	-7	
9:15:06 AM	20	9:16:04 AM	15	4	
9:30:06 AM	11	9:31:04 AM	10	4	
9:45:06 AM	6	9:46:04 AM	10	3	
10:00:06 AM	7	10:01:04 AM	11	4	
10:15:06 AM	7	10:16:04 AM	14	5	
10:30:06 AM	9	--	0		Demobe CAMP due to rain

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/10/2020

Upwind Serial Number 0  
 Downwind Serial Number 0

Upwind		Downwind		Corrected <sup>1</sup> 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: 20-10 Mott Avenue  
 Date: 2/11/2020

Upwind Serial Number 0  
 Downwind Serial Number 0

Upwind		Downwind		Corrected <sup>1</sup> 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: 20-10 Mott Avenue  
 Date: 2/12/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:13:58 AM	11	7:15:10 AM	38	27	
7:28:58 AM	7	7:30:10 AM	21	14	
7:43:58 AM	6	7:45:10 AM	20	14	
7:58:58 AM	7	8:00:10 AM	20	13	
8:13:58 AM	6	8:15:10 AM	22	16	
8:28:58 AM	5	8:30:10 AM	21	16	
8:43:58 AM	4	8:45:10 AM	20	16	
8:58:58 AM	4	9:00:10 AM	21	17	
9:13:58 AM	4	9:15:10 AM	21	17	
9:28:58 AM	3	9:30:10 AM	20	17	
9:43:58 AM	3	9:45:10 AM	20	17	
9:58:58 AM	3	10:00:10 AM	20	17	
10:13:58 AM	3	10:15:10 AM	22	19	
10:28:58 AM	3	10:30:10 AM	21	18	
10:43:58 AM	6	10:45:10 AM	21	15	
10:58:58 AM	5	11:00:10 AM	21	16	
11:13:58 AM	5	11:15:10 AM	23	18	
11:28:58 AM	4	11:30:10 AM	24	20	
11:43:58 AM	4	11:45:10 AM	37	33	
11:58:58 AM	4	12:00:10 PM	25	21	
12:13:58 PM	4	12:15:10 PM	22	18	
12:28:58 PM	3	12:30:10 PM	23	20	
12:43:58 PM	3	12:45:10 PM	25	22	
12:58:58 PM	6	1:00:10 PM	26	20	
1:13:58 PM	5	1:15:10 PM	23	18	
1:28:58 PM	4	1:30:10 PM	23	19	
1:43:58 PM	4	1:45:10 PM	25	21	
1:58:58 PM	5	2:00:10 PM	26	21	
2:13:58 PM	4	2:15:10 PM	26	22	
2:28:58 PM	6	2:30:10 PM	22	16	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/13/2020

Upwind Serial Number 0  
 Downwind Serial Number 0

Upwind		Downwind		Corrected <sup>1</sup> 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: 20-10 Mott Avenue  
 Date: 2/14/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:15:59 AM	11	7:11:33 AM	4	-7	
7:30:59 AM	8	7:26:33 AM	3	-5	
7:45:59 AM	9	7:41:33 AM	2	-7	
8:00:59 AM	11	7:56:33 AM	2	-9	
8:15:59 AM	12	8:11:33 AM	5	-7	
8:30:59 AM	9	8:26:33 AM	4	-5	
8:45:59 AM	9	8:41:33 AM	3	-6	
9:00:59 AM	9	8:56:33 AM	5	-4	
9:15:59 AM	9	9:11:33 AM	48	39	
9:30:59 AM	9	9:26:33 AM	43	34	
9:45:59 AM	9	9:41:33 AM	33	24	
10:00:59 AM	9	9:56:33 AM	26	17	
10:15:59 AM	9	10:11:33 AM	20	11	
10:30:59 AM	8	10:26:33 AM	16	8	
10:45:59 AM	9	10:41:33 AM	14	5	
11:00:59 AM	9	10:56:33 AM	16	7	
11:15:59 AM	9	11:11:33 AM	13	4	
11:30:59 AM	9	11:26:33 AM	10	1	
11:45:59 AM	9	11:41:33 AM	8	-1	
12:00:59 PM	9	11:56:33 AM	7	-2	
12:15:59 PM	8	12:11:33 PM	6	-2	
12:30:59 PM	11	12:26:33 PM	7	-4	
12:45:59 PM	9	12:41:33 PM	5	-4	
1:00:59 PM	8	12:56:33 PM	4	-4	
1:15:59 PM	8	1:11:33 PM	4	-4	
1:30:59 PM	9	1:26:33 PM	3	-6	
1:45:59 PM	9	1:41:33 PM	3	-6	
2:00:59 PM	8	1:56:33 PM	3	-5	
2:15:59 PM	10	2:11:33 PM	6	-4	
2:30:59 PM	9	2:26:33 PM	8	-1	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/17/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:09:37 AM	14	7:14:55 AM	40	26	
7:24:37 AM	8	7:29:55 AM	31	23	
7:39:37 AM	6	7:44:55 AM	36	30	
7:54:37 AM	5	7:59:55 AM	34	29	
8:09:37 AM	5	8:14:55 AM	32	27	
8:24:37 AM	5	8:29:55 AM	28	23	
8:39:37 AM	5	8:44:55 AM	27	22	
8:54:37 AM	4	8:59:55 AM	29	25	
9:09:37 AM	4	9:14:55 AM	32	28	
9:24:37 AM	6	9:29:55 AM	28	22	
9:39:37 AM	7	9:44:55 AM	27	20	
9:54:37 AM	6	9:59:55 AM	26	20	
10:09:37 AM	5	10:14:55 AM	23	18	
10:24:37 AM	5	10:29:55 AM	24	19	
10:39:37 AM	17	10:44:55 AM	23	6	
10:54:37 AM	12	10:59:55 AM	26	14	
11:09:37 AM	13	11:14:55 AM	23	10	
11:24:37 AM	11	11:29:55 AM	23	12	
11:39:37 AM	9	11:44:55 AM	19	10	
11:54:37 AM	7	11:59:55 AM	24	17	
12:09:37 PM	6	12:14:55 PM	23	17	
12:24:37 PM	5	12:29:55 PM	24	19	
12:39:37 PM	4	12:44:55 PM	24	20	
12:54:37 PM	3	12:59:55 PM	24	21	
1:09:37 PM	3	1:14:55 PM	30	27	
1:24:37 PM	3	1:29:55 PM	30	27	
1:39:37 PM	3	1:44:55 PM	28	25	
1:54:37 PM	6	1:59:55 PM	26	20	
2:09:37 PM	7	2:14:55 PM	29	22	
2:24:37 PM	5	2:29:55 PM	30	25	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/18/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:18:20 AM	21	7:08:12 AM	21	0	
7:33:20 AM	19	7:23:12 AM	33	14	
7:48:20 AM	23	7:38:12 AM	23	0	
8:03:20 AM	22	7:53:12 AM	22	0	
8:18:20 AM	21	8:08:12 AM	24	3	
8:33:20 AM	23	8:23:12 AM	22	-1	
8:48:20 AM	20	8:38:12 AM	23	3	
9:03:20 AM	20	8:53:12 AM	21	1	
9:18:20 AM	21	9:08:12 AM	23	2	
9:33:20 AM	22	9:23:12 AM	23	1	
9:48:20 AM	23	9:38:12 AM	22	-1	
10:03:20 AM	24	9:53:12 AM	24	0	
10:18:20 AM	23	10:08:12 AM	24	1	
10:33:20 AM	23	10:23:12 AM	24	1	
10:48:20 AM	23	10:38:12 AM	25	2	
11:03:20 AM	25	10:53:12 AM	27	2	
11:18:20 AM	25	11:08:12 AM	24	-1	
11:33:20 AM	22	11:23:12 AM	27	5	
11:48:20 AM	21	11:38:12 AM	23	2	
12:03:20 PM	21	11:53:12 AM	25	4	
12:18:20 PM	21	12:08:12 PM	21	0	
12:33:20 PM	25	12:23:12 PM	21	-4	
12:48:20 PM	21	12:38:12 PM	22	1	
1:03:20 PM	22	12:53:12 PM	22	0	
1:18:20 PM	25	1:08:12 PM	27	2	
1:33:20 PM	25	1:23:12 PM	24	-1	
1:48:20 PM	22	1:38:12 PM	24	2	
2:03:20 PM	22	1:53:12 PM	23	1	
2:18:20 PM	23	2:08:12 PM	28	5	
2:33:20 PM	24	2:23:12 PM	23	-1	
2:48:20 PM	21	2:38:12 PM	25	4	

**CA RICH Consultants**

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/19/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:18:32 AM	14	7:08:31 AM	11	-3	
7:33:32 AM	16	7:23:31 AM	12	-4	
7:48:32 AM	16	7:38:31 AM	25	9	
8:03:32 AM	14	7:53:31 AM	27	13	
8:18:32 AM	10	8:08:31 AM	14	4	
8:33:32 AM	9	8:23:31 AM	14	5	
8:48:32 AM	9	8:38:31 AM	13	4	
9:03:32 AM	9	8:53:31 AM	11	2	
9:18:32 AM	11	9:08:31 AM	14	3	
9:33:32 AM	9	9:23:31 AM	34	25	
9:48:32 AM	10	9:38:31 AM	34	24	
10:03:32 AM	11	9:53:31 AM	24	13	
10:18:32 AM	10	10:08:31 AM	18	8	
10:33:32 AM	11	10:23:31 AM	9	-2	
10:48:32 AM	10	10:38:31 AM	38	28	
11:03:32 AM	10	10:53:31 AM	39	29	
11:18:32 AM	11	11:08:31 AM	46	35	
11:33:32 AM	12	11:23:31 AM	52	40	
11:48:32 AM	11	11:38:31 AM	27	16	
12:03:32 PM	10	11:53:31 AM	46	36	
12:18:32 PM	12	12:08:31 PM	19	7	
12:33:32 PM	11	12:23:31 PM	25	14	
12:48:32 PM	11	12:38:31 PM	21	10	
1:03:32 PM	12	12:53:31 PM	30	18	
1:18:32 PM	11	1:08:31 PM	32	21	
1:33:32 PM	12	1:23:31 PM	53	41	
1:48:32 PM	11	1:38:31 PM	23	12	
2:03:32 PM	10	1:53:31 PM	41	31	
2:18:32 PM	11	2:08:31 PM	32	21	
2:33:32 PM	9	2:23:31 PM	15	6	
2:48:32 PM	11	2:38:31 PM	21	10	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/20/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:21:03 AM	1	7:11:00 AM	35	34	
7:36:03 AM	0	7:26:00 AM	11	11	
7:51:03 AM	0	7:41:00 AM	14	14	
8:06:03 AM	0	7:56:00 AM	21	21	
8:21:03 AM	1	8:11:00 AM	22	21	
8:36:03 AM	1	8:26:00 AM	16	15	
8:51:03 AM	1	8:41:00 AM	13	12	
9:06:03 AM	1	8:56:00 AM	14	13	
9:21:03 AM	1	9:11:00 AM	22	21	
9:36:03 AM	16	9:26:00 AM	21	5	
9:51:03 AM	15	9:41:00 AM	23	8	
10:06:03 AM	13	9:56:00 AM	23	10	
10:21:03 AM	13	10:11:00 AM	18	5	
10:36:03 AM	14	10:26:00 AM	16	2	
10:51:03 AM	13	10:41:00 AM	36	23	
11:06:03 AM	12	10:56:00 AM	46	34	
11:21:03 AM	15	11:11:00 AM	23	8	
11:36:03 AM	12	11:26:00 AM	21	9	
11:51:03 AM	13	11:41:00 AM	25	12	
12:06:03 PM	12	11:56:00 AM	46	34	
12:21:03 PM	11	12:11:00 PM	51	40	
12:36:03 PM	13	12:26:00 PM	39	26	
12:51:03 PM	14	12:41:00 PM	43	29	
1:06:03 PM	12	12:56:00 PM	24	12	
1:21:03 PM	12	1:11:00 PM	46	34	
1:36:03 PM	19	1:26:00 PM	52	33	
1:51:03 PM	16	1:41:00 PM	42	26	
2:06:03 PM	13	1:56:00 PM	25	12	
2:21:03 PM	15	2:11:00 PM	58	43	
2:36:03 PM	17	2:26:00 PM	22	5	
--	0	2:41:00 PM	26	26	



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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/21/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530173316

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:15:08 AM	21	7:19:03 AM	29	8	
7:30:08 AM	10	7:34:03 AM	20	10	
7:45:08 AM	19	7:49:03 AM	22	3	
8:00:08 AM	10	8:04:03 AM	30	20	
8:15:08 AM	10	8:19:03 AM	26	16	
8:30:08 AM	11	8:34:03 AM	16	5	
8:45:08 AM	10	8:49:03 AM	19	9	
9:00:08 AM	9	9:04:03 AM	10	1	
9:15:08 AM	11	9:19:03 AM	10	-1	
9:30:08 AM	17	9:34:03 AM	11	-6	
9:45:08 AM	9	9:49:03 AM	12	3	
10:00:08 AM	32	10:04:03 AM	12	-20	
10:15:08 AM	44	10:19:03 AM	14	-30	
10:30:08 AM	17	10:34:03 AM	17	0	
10:45:08 AM	19	10:49:03 AM	14	-5	
11:00:08 AM	20	11:04:03 AM	21	1	
11:15:08 AM	11	11:19:03 AM	24	13	
11:30:08 AM	27	11:34:03 AM	22	-5	
11:45:08 AM	14	11:49:03 AM	12	-2	
12:00:08 PM	15	12:04:03 PM	13	-2	
12:15:08 PM	13	12:19:03 PM	12	-1	
12:30:08 PM	10	12:34:03 PM	23	13	
12:45:08 PM	10	12:49:03 PM	14	4	
1:00:08 PM	13	1:04:03 PM	50	37	
1:15:08 PM	10	1:19:03 PM	52	42	
1:30:08 PM	15	1:34:03 PM	32	17	
1:45:08 PM	16	1:49:03 PM	39	23	
2:00:08 PM	16	2:04:03 PM	35	19	
2:15:08 PM	19	2:19:03 PM	37	18	
2:30:08 PM	18	2:34:03 PM	33	15	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/24/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:18:14 AM	35	7:11:38 AM	33	-2	
7:33:14 AM	36	7:26:38 AM	28	-8	
7:48:14 AM	39	7:41:38 AM	28	-11	
8:03:14 AM	33	7:56:38 AM	41	8	
8:18:14 AM	33	8:11:38 AM	32	-1	
8:33:14 AM	34	8:26:38 AM	31	-3	
8:48:14 AM	32	8:41:38 AM	33	1	
9:03:14 AM	36	8:56:38 AM	33	-3	
9:18:14 AM	33	9:11:38 AM	42	9	
9:33:14 AM	36	9:26:38 AM	31	-5	
9:48:14 AM	35	9:41:38 AM	29	-6	
10:03:14 AM	35	9:56:38 AM	29	-6	
10:18:14 AM	36	10:11:38 AM	32	-4	
10:33:14 AM	37	10:26:38 AM	30	-7	
10:48:14 AM	37	10:41:38 AM	54	17	
11:03:14 AM	39	10:56:38 AM	29	-10	
11:18:14 AM	35	11:11:38 AM	25	-10	
11:33:14 AM	36	11:26:38 AM	40	4	
11:48:14 AM	33	11:41:38 AM	54	21	
12:03:14 PM	39	11:56:38 AM	25	-14	
12:18:14 PM	41	12:11:38 PM	27	-14	
12:33:14 PM	46	12:26:38 PM	36	-10	
12:48:14 PM	44	12:41:38 PM	52	8	
1:03:14 PM	46	12:56:38 PM	32	-14	
1:18:14 PM	55	1:11:38 PM	30	-25	
1:33:14 PM	44	1:26:38 PM	29	-15	
1:48:14 PM	39	1:41:38 PM	27	-12	
2:03:14 PM	39	1:56:38 PM	26	-13	
2:18:14 PM	35	2:11:38 PM	24	-11	
2:33:14 PM	37	2:26:38 PM	29	-8	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/25/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:13:32 AM	28	7:04:12 AM	18	-10	
7:28:32 AM	23	7:19:12 AM	34	11	
7:43:32 AM	24	7:34:12 AM	20	-4	
7:58:32 AM	22	7:49:12 AM	25	3	
8:13:32 AM	22	8:04:12 AM	23	1	
8:28:32 AM	26	8:19:12 AM	34	8	
8:43:32 AM	22	8:34:12 AM	31	9	
8:58:32 AM	21	8:49:12 AM	24	3	
9:13:32 AM	22	9:04:12 AM	19	-3	
9:28:32 AM	21	9:19:12 AM	21	0	
9:43:32 AM	22	9:34:12 AM	22	0	
9:58:32 AM	31	9:49:12 AM	20	-11	
10:13:32 AM	24	10:04:12 AM	21	-3	
10:28:32 AM	22	10:19:12 AM	21	-1	
10:43:32 AM	22	10:34:12 AM	23	1	
10:58:32 AM	26	10:49:12 AM	22	-4	
11:13:32 AM	29	11:04:12 AM	22	-7	
11:28:32 AM	31	11:19:12 AM	26	-5	
11:43:32 AM	30	11:34:12 AM	35	5	
11:58:32 AM	26	11:49:12 AM	29	3	
12:13:32 PM	30	12:04:12 PM	24	-6	
12:28:32 PM	30	12:19:12 PM	24	-6	
12:43:32 PM	33	12:34:12 PM	25	-8	
12:58:32 PM	29	12:49:12 PM	27	-2	
1:13:32 PM	30	1:04:12 PM	28	-2	
1:28:32 PM	34	1:19:12 PM	31	-3	
1:43:32 PM	37	1:34:12 PM	32	-5	
1:58:32 PM	37	1:49:12 PM	35	-2	
2:13:32 PM	35	2:04:12 PM	34	-1	
2:28:32 PM	33	2:19:12 PM	29	-4	
--	0	2:34:12 PM	31	31	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/26/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:14:01 AM	24	7:16:40 AM	46	22	
7:29:01 AM	25	7:31:40 AM	18	-7	
7:44:01 AM	22	7:46:40 AM	19	-3	
7:59:01 AM	14	8:01:40 AM	15	1	
8:14:01 AM	11	8:16:40 AM	9	-2	
8:29:01 AM	9	8:31:40 AM	8	-1	
8:44:01 AM	13	8:46:40 AM	10	-3	
8:59:01 AM	8	9:01:40 AM	9	1	
9:14:01 AM	8	9:16:40 AM	7	-1	
9:29:01 AM	11	9:31:40 AM	10	-1	
9:44:01 AM	13	9:46:40 AM	11	-2	
9:59:01 AM	12	10:01:40 AM	11	-1	
10:14:01 AM	14	10:16:40 AM	11	-3	
10:29:01 AM	14	10:31:40 AM	12	-2	
10:44:01 AM	13	10:46:40 AM	13	0	
10:59:01 AM	12	11:01:40 AM	12	0	
11:14:01 AM	10	11:16:40 AM	11	1	
11:29:01 AM	10	11:31:40 AM	9	-1	
11:44:01 AM	9	11:46:40 AM	8	-1	
11:59:01 AM	7	12:01:40 PM	7	0	
12:14:01 PM	8	12:16:40 PM	8	0	
12:29:01 PM	11	12:31:40 PM	9	-2	
12:44:01 PM	10	12:46:40 PM	9	-1	
12:59:01 PM	11	1:01:40 PM	10	-1	
1:14:01 PM	11	1:16:40 PM	11	0	
1:29:01 PM	12	1:31:40 PM	11	-1	
1:44:01 PM	12	1:46:40 PM	13	1	
1:59:01 PM	9	2:01:40 PM	14	5	
2:14:01 PM	12	2:16:40 PM	12	0	
2:29:01 PM	14	2:31:40 PM	15	1	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/27/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:09:48 AM	4	7:04:10 AM	3	-1	
7:24:48 AM	4	7:19:10 AM	3	-1	
7:39:48 AM	4	7:34:10 AM	4	0	
7:54:48 AM	5	7:49:10 AM	4	-1	
8:09:48 AM	6	8:04:10 AM	5	-1	
8:24:48 AM	6	8:19:10 AM	6	0	
8:39:48 AM	7	8:34:10 AM	7	0	
8:54:48 AM	8	8:49:10 AM	7	-1	
9:09:48 AM	7	9:04:10 AM	7	0	
9:24:48 AM	10	9:19:10 AM	7	-3	
9:39:48 AM	7	9:34:10 AM	9	2	
9:54:48 AM	9	9:49:10 AM	8	-1	
10:09:48 AM	7	10:04:10 AM	8	1	
10:24:48 AM	6	10:19:10 AM	8	2	
10:39:48 AM	6	10:34:10 AM	8	2	
10:54:48 AM	6	10:49:10 AM	9	3	
11:09:48 AM	7	11:04:10 AM	8	1	
11:24:48 AM	7	11:19:10 AM	19	12	
11:39:48 AM	7	11:34:10 AM	11	4	
11:54:48 AM	7	11:49:10 AM	10	3	
12:09:48 PM	7	12:04:10 PM	7	0	
12:24:48 PM	7	12:19:10 PM	8	1	
12:39:48 PM	7	12:34:10 PM	19	12	
12:54:48 PM	7	12:49:10 PM	19	12	
1:09:48 PM	7	1:04:10 PM	25	18	
1:24:48 PM	7	1:19:10 PM	26	19	
1:39:48 PM	8	1:34:10 PM	21	13	
1:54:48 PM	7	1:49:10 PM	21	14	
2:09:48 PM	9	2:04:10 PM	30	21	
2:24:48 PM	8	2:19:10 PM	10	2	
2:39:48 PM	9	2:34:10 PM	17	8	

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

Project: Far Rockaway  
 Location: 20-10 Mott Avenue  
 Date: 2/28/2020

Upwind Serial Number 8530173316  
 Downwind Serial Number 8530172413

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:11:13 AM	22	7:14:15 AM	48	26	
7:26:13 AM	22	7:29:15 AM	19	-3	
7:41:13 AM	24	7:44:15 AM	25	1	
7:56:13 AM	26	7:59:15 AM	44	18	
8:11:13 AM	26	8:14:15 AM	25	-1	
8:26:13 AM	23	8:29:15 AM	24	1	
8:41:13 AM	24	8:44:15 AM	43	19	
8:56:13 AM	22	8:59:15 AM	30	8	
9:11:13 AM	21	9:14:15 AM	36	15	
9:26:13 AM	23	9:29:15 AM	24	1	
9:41:13 AM	22	9:44:15 AM	22	0	
9:56:13 AM	22	9:59:15 AM	30	8	
10:11:13 AM	23	10:14:15 AM	32	9	
10:26:13 AM	23	10:29:15 AM	20	-3	
10:41:13 AM	23	10:44:15 AM	19	-4	
10:56:13 AM	24	10:59:15 AM	19	-5	
11:11:13 AM	24	11:14:15 AM	32	8	
11:26:13 AM	26	11:29:15 AM	29	3	
11:41:13 AM	25	11:44:15 AM	29	4	
11:56:13 AM	24	11:59:15 AM	16	-8	
12:11:13 PM	24	12:14:15 PM	19	-5	
12:26:13 PM	24	12:29:15 PM	22	-2	
12:41:13 PM	24	12:44:15 PM	25	1	
12:56:13 PM	23	12:59:15 PM	23	0	
1:11:13 PM	23	1:14:15 PM	26	3	
1:26:13 PM	22	1:29:15 PM	19	-3	
1:41:13 PM	24	1:44:15 PM	22	-2	
1:56:13 PM	24	1:59:15 PM	23	-1	
2:11:13 PM	22	2:14:15 PM	20	-2	
2:26:13 PM	23	2:29:15 PM	28	5	