



September 10, 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 – August 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 August 1, 2020 to August 31, 2020.

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

1. Site Activities
  - Utility, rebar, and formwork installation
  - Brickwork
  - Pouring of concrete
  - Support of excavation activities
  - Soil removal:
    - On August 11, 2020 three loads of soil from grid F4 (0-7') were disposed of at the Posillico Wash Plant.
    - On August 14, 2020 seven loads of soil from grid F4 (07') were disposed of at the Posillico Wash Plant.
  - Import of material:
    - On August 14, 2020 two loads of gravel were imported.
2. Reporting Activities
  - Daily reports have been submitted in accordance with the RAWP.
3. Sampling Activities
  - Endpoint samples were collected on August 26, 2020 and were identified as EP-82 and EP-83.
4. Notable deviations
  - None

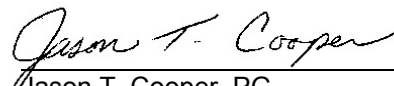
**The following work is planned for the Site/Project in September 2020:**

- Continue with construction of Building B
- Continue with construction of Building C.
- Continue with construction of Building H1/H2
- It is anticipated that the remainder of the soil removal will occur in November 2020.

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

Respectfully,

**CA RICH CONSULTANTS, INC.**



Jason T. Cooper, PG

Vice President

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: 8/3/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:33:06 AM	57	7:34:06 AM	33	-24	
7:48:06 AM	13	7:49:06 AM	30	17	
8:03:06 AM	9	8:04:06 AM	69	60	
8:18:06 AM	8	8:19:06 AM	51	43	
8:33:06 AM	6	8:34:06 AM	46	40	
8:48:06 AM	8	8:49:06 AM	34	26	
9:03:06 AM	9	9:04:06 AM	26	17	
9:18:06 AM	7	9:19:06 AM	55	48	
9:33:06 AM	6	9:34:06 AM	30	24	
9:48:06 AM	5	9:49:06 AM	33	28	
10:03:06 AM	4	10:04:06 AM	31	27	
10:18:06 AM	4	10:19:06 AM	30	26	
10:33:06 AM	8	10:34:06 AM	28	20	
10:48:06 AM	18	10:49:06 AM	18	0	
11:03:06 AM	14	11:04:06 AM	23	9	
11:18:06 AM	17	11:19:06 AM	22	5	
11:33:06 AM	15	11:34:06 AM	21	6	
11:48:06 AM	6	11:49:06 AM	43	37	
12:03:06 PM	4	12:04:06 PM	27	23	
12:18:06 PM	7	12:19:06 PM	36	29	
12:33:06 PM	9	12:34:06 PM	33	24	
12:48:06 PM	10	12:49:06 PM	31	21	
1:03:06 PM	8	1:04:06 PM	28	20	
1:18:06 PM	11	1:19:06 PM	29	18	
1:33:06 PM	13	1:34:06 PM	39	26	
1:48:06 PM	10	1:49:06 PM	42	32	
2:03:06 PM	8	2:04:06 PM	45	37	
2:18:06 PM	5	2:19:06 PM	48	43	
2:33:06 PM	6	2:34:06 PM	44	38	

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

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

Upwind Serial Number 8530172413  
Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:27:25 AM	12	7:28:29 AM	24	12	
7:42:25 AM	11	7:43:29 AM	22	11	
7:57:25 AM	9	7:58:29 AM	17	8	
8:12:25 AM	7	8:13:29 AM	17	10	
8:27:25 AM	8	8:28:29 AM	23	15	
8:42:25 AM	13	8:43:29 AM	21	8	
8:57:25 AM	14	8:58:29 AM	21	7	
9:12:25 AM	14	9:13:29 AM	21	7	
9:27:25 AM	16	9:28:29 AM	16	0	
9:42:25 AM	15	9:43:29 AM	15	0	
9:57:25 AM	16	9:58:29 AM	15	-1	Demobed early due to rain

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/5/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:34:27 AM	26	7:27:35 AM	57	31	
7:49:27 AM	18	7:42:35 AM	32	14	
8:04:27 AM	15	7:57:35 AM	31	16	
8:19:27 AM	12	8:12:35 AM	41	29	
8:34:27 AM	10	8:27:35 AM	33	23	
8:49:27 AM	8	8:42:35 AM	36	28	
9:04:27 AM	7	8:57:35 AM	32	25	
9:19:27 AM	7	9:12:35 AM	29	22	
9:34:27 AM	6	9:27:35 AM	28	22	
9:49:27 AM	6	9:42:35 AM	48	42	
10:04:27 AM	5	9:57:35 AM	38	33	
10:19:27 AM	5	10:12:35 AM	50	45	
10:34:27 AM	5	10:27:35 AM	42	37	
10:49:27 AM	4	10:42:35 AM	54	50	
11:04:27 AM	4	10:57:35 AM	69	65	
11:19:27 AM	3	11:12:35 AM	36	33	
11:34:27 AM	3	11:27:35 AM	23	20	
11:49:27 AM	8	11:42:35 AM	28	20	
12:04:27 PM	6	11:57:35 AM	25	19	
12:19:27 PM	10	12:12:35 PM	31	21	
12:34:27 PM	9	12:27:35 PM	34	25	
12:49:27 PM	14	12:42:35 PM	39	25	
1:04:27 PM	11	12:57:35 PM	38	27	
1:19:27 PM	13	1:12:35 PM	32	19	
1:34:27 PM	9	1:27:35 PM	28	19	
1:49:27 PM	6	1:42:35 PM	26	20	
2:04:27 PM	8	1:57:35 PM	34	26	
2:19:27 PM	13	2:12:35 PM	32	19	
2:34:27 PM	12	2:27:35 PM	31	19	

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

Project: Far Rockaway  
Location: 20-02 Mott Avenue  
Date: 8/6/2020

Upwind Serial Number 8530172413  
Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:39 AM	9	7:27:17 AM	42	33	
7:44:39 AM	14	7:42:17 AM	43	29	
7:59:39 AM	19	7:57:17 AM	37	18	
8:14:39 AM	22	8:12:17 AM	31	9	
8:29:39 AM	18	8:27:17 AM	30	12	
8:44:39 AM	16	8:42:17 AM	30	14	
8:59:39 AM	13	8:57:17 AM	29	16	
9:14:39 AM	15	9:12:17 AM	29	14	
9:29:39 AM	11	9:27:17 AM	33	22	
9:44:39 AM	12	9:42:17 AM	32	20	
9:59:39 AM	17	9:57:17 AM	32	15	Demobed early due to rain

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/7/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
10:59:11 AM	25	11:10:28 AM	41	16	Mobed late due to rain
11:14:11 AM	22	11:25:28 AM	40	18	
11:29:11 AM	20	11:40:28 AM	40	20	
11:44:11 AM	17	11:55:28 AM	39	22	
11:59:11 AM	16	12:10:28 PM	40	24	
12:14:11 PM	16	12:25:28 PM	47	31	
12:29:11 PM	14	12:40:28 PM	42	28	
12:44:11 PM	12	12:55:28 PM	35	23	
12:59:11 PM	19	1:10:28 PM	29	10	
1:14:11 PM	21	1:25:28 PM	25	4	
1:29:11 PM	20	1:40:28 PM	26	6	
1:44:11 PM	18	1:55:28 PM	21	3	
1:59:11 PM	14	2:10:28 PM	21	7	
2:14:11 PM	13	2:25:28 PM	24	11	
2:29:11 PM	14	12:00:00 AM	0	-14	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/10/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:32:45 AM	44	7:30:00 AM	56	12	
7:47:45 AM	25	7:45:00 AM	62	37	
8:02:45 AM	20	8:00:00 AM	74	54	
8:17:45 AM	17	8:15:00 AM	57	40	
8:32:45 AM	15	8:30:00 AM	55	40	
8:47:45 AM	13	8:45:00 AM	65	52	
9:02:45 AM	11	9:00:00 AM	69	58	
9:17:45 AM	10	9:15:00 AM	55	45	
9:32:45 AM	9	9:30:00 AM	54	45	
9:47:45 AM	8	9:45:00 AM	50	42	
10:02:45 AM	8	10:00:00 AM	55	47	
10:17:45 AM	7	10:15:00 AM	75	68	
10:32:45 AM	7	10:30:00 AM	55	48	
10:47:45 AM	6	10:45:00 AM	79	73	
11:02:45 AM	5	11:00:00 AM	49	44	
11:17:45 AM	5	11:15:00 AM	54	49	
11:32:45 AM	4	11:30:00 AM	58	54	
11:47:45 AM	7	11:45:00 AM	45	38	
12:02:45 PM	20	12:00:00 PM	41	21	
12:17:45 PM	15	12:15:00 PM	48	33	
12:32:45 PM	16	12:30:00 PM	39	23	
12:47:45 PM	13	12:45:00 PM	33	20	
1:02:45 PM	9	1:00:00 PM	36	27	
1:17:45 PM	5	1:15:00 PM	32	27	
1:32:45 PM	7	1:30:00 PM	35	28	
1:47:45 PM	6	1:45:00 PM	33	27	
2:02:45 PM	9	2:00:00 PM	38	29	
2:17:45 PM	11	2:15:00 PM	42	31	
2:32:45 PM	13	2:30:00 PM	39	26	



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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/11/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:33:51 AM	17	7:33:57 AM	43	26	
7:48:51 AM	10	7:48:57 AM	29	19	
8:03:51 AM	8	8:03:57 AM	53	45	
8:18:51 AM	7	8:18:57 AM	17	10	
8:33:51 AM	6	8:33:57 AM	21	15	
8:48:51 AM	6	8:48:57 AM	32	26	
9:03:51 AM	5	9:03:57 AM	22	17	
9:18:51 AM	5	9:18:57 AM	15	10	
9:33:51 AM	13	9:33:57 AM	17	4	
9:48:51 AM	11	9:48:57 AM	29	18	
10:03:51 AM	9	10:03:57 AM	15	6	
10:18:51 AM	8	10:18:57 AM	17	9	
10:33:51 AM	7	10:33:57 AM	16	9	
10:48:51 AM	6	10:48:57 AM	18	12	
11:03:51 AM	5	11:03:57 AM	23	18	
11:18:51 AM	5	11:18:57 AM	23	18	
11:33:51 AM	5	11:33:57 AM	30	25	
11:48:51 AM	5	11:48:57 AM	36	31	
12:03:51 PM	6	12:03:57 PM	29	23	
12:18:51 PM	8	12:18:57 PM	34	26	
12:33:51 PM	7	12:33:57 PM	28	21	
12:48:51 PM	10	12:48:57 PM	25	15	
1:03:51 PM	11	1:03:57 PM	29	18	
1:18:51 PM	9	1:18:57 PM	31	22	
1:33:51 PM	8	1:33:57 PM	36	28	
1:48:51 PM	5	1:48:57 PM	32	27	
2:03:51 PM	9	2:03:57 PM	37	28	
2:18:51 PM	8	2:18:57 PM	39	31	
2:33:51 PM	10	2:33:57 PM	32	22	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/12/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:30:39 AM	29	7:28:19 AM	69	40	
7:45:39 AM	23	7:43:19 AM	62	39	
8:00:39 AM	20	7:58:19 AM	61	41	
8:15:39 AM	26	8:13:19 AM	48	22	
8:30:39 AM	24	8:28:19 AM	47	23	
8:45:39 AM	21	8:43:19 AM	51	30	
9:00:39 AM	20	8:58:19 AM	46	26	
9:15:39 AM	16	9:13:19 AM	42	26	
9:30:39 AM	13	9:28:19 AM	61	48	
9:45:39 AM	11	9:43:19 AM	51	40	
10:00:39 AM	10	9:58:19 AM	46	36	
10:15:39 AM	9	10:13:19 AM	42	33	
10:30:39 AM	9	10:28:19 AM	39	30	
10:45:39 AM	8	10:43:19 AM	42	34	
11:00:39 AM	7	10:58:19 AM	44	37	
11:15:39 AM	7	11:13:19 AM	67	60	
11:30:39 AM	6	11:28:19 AM	48	42	
11:45:39 AM	9	11:43:19 AM	42	33	
12:00:39 PM	13	11:58:19 AM	38	25	
12:15:39 PM	12	12:13:19 PM	36	24	
12:30:39 PM	16	12:28:19 PM	39	23	
12:45:39 PM	15	12:43:19 PM	41	26	
1:00:39 PM	12	12:58:19 PM	43	31	
1:15:39 PM	11	1:13:19 PM	37	26	
1:30:39 PM	14	1:28:19 PM	32	18	
1:45:39 PM	11	1:43:19 PM	35	24	
2:00:39 PM	8	1:58:19 PM	33	25	
2:15:39 PM	6	2:13:19 PM	36	30	
2:30:39 PM	9	2:28:19 PM	38	29	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/13/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:31:12 AM	5	7:29:33 AM	52	47	
7:46:12 AM	9	7:44:33 AM	36	27	
8:01:12 AM	6	7:59:33 AM	29	23	
8:16:12 AM	8	8:14:33 AM	24	16	
8:31:12 AM	4	8:29:33 AM	22	18	
8:46:12 AM	8	8:44:33 AM	25	17	
9:01:12 AM	13	8:59:33 AM	27	14	
9:16:12 AM	12	9:14:33 AM	35	23	
9:31:12 AM	11	9:29:33 AM	34	23	
9:46:12 AM	8	9:44:33 AM	39	31	
10:01:12 AM	7	9:59:33 AM	46	39	Demobed early due to rain

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/14/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:32:33 AM	31	7:26:19 AM	38	7	
7:47:33 AM	22	7:41:19 AM	50	28	
8:02:33 AM	17	7:56:19 AM	37	20	
8:17:33 AM	14	8:11:19 AM	38	24	
8:32:33 AM	11	8:26:19 AM	32	21	
8:47:33 AM	9	8:41:19 AM	30	21	
9:02:33 AM	8	8:56:19 AM	44	36	
9:17:33 AM	7	9:11:19 AM	33	26	
9:32:33 AM	6	9:26:19 AM	27	21	
9:47:33 AM	6	9:41:19 AM	28	22	
10:02:33 AM	5	9:56:19 AM	29	24	
10:17:33 AM	8	10:11:19 AM	22	14	
10:32:33 AM	7	10:26:19 AM	19	12	
10:47:33 AM	6	10:41:19 AM	25	19	
11:02:33 AM	9	10:56:19 AM	31	22	
11:17:33 AM	9	11:11:19 AM	26	17	
11:32:33 AM	11	11:26:19 AM	28	17	
11:47:33 AM	12	11:41:19 AM	33	21	
12:02:33 PM	13	11:56:19 AM	36	23	
12:17:33 PM	10	12:11:19 PM	37	27	
12:32:33 PM	8	12:26:19 PM	41	33	
12:47:33 PM	16	12:41:19 PM	45	29	
1:02:33 PM	14	12:56:19 PM	42	28	
1:17:33 PM	9	1:11:19 PM	38	29	
1:32:33 PM	13	1:26:19 PM	37	24	
1:47:33 PM	12	1:41:19 PM	34	22	
2:02:33 PM	8	1:56:19 PM	38	30	
2:17:33 PM	5	2:11:19 PM	44	39	
2:32:33 PM	7	2:26:19 PM	46	39	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/17/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:24 AM	21	7:26:09 AM	50	29	
7:44:24 AM	12	7:41:09 AM	20	8	
7:59:24 AM	10	7:56:09 AM	21	11	
8:14:24 AM	8	8:11:09 AM	22	14	
8:29:24 AM	7	8:26:09 AM	34	27	
8:44:24 AM	6	8:41:09 AM	29	23	
8:59:24 AM	6	8:56:09 AM	27	21	
9:14:24 AM	5	9:11:09 AM	29	24	
9:29:24 AM	5	9:26:09 AM	26	21	
9:44:24 AM	4	9:41:09 AM	34	30	
9:59:24 AM	4	9:56:09 AM	28	24	
10:14:24 AM	4	10:11:09 AM	23	19	
10:29:24 AM	4	10:26:09 AM	22	18	
10:44:24 AM	40	10:41:09 AM	47	7	
10:59:24 AM	57	10:56:09 AM	23	-34	
11:14:24 AM	44	11:11:09 AM	20	-24	
11:29:24 AM	28	11:26:09 AM	22	-6	
11:44:24 AM	11	11:41:09 AM	17	6	
11:59:24 AM	1	11:56:09 AM	23	22	
12:14:24 PM	17	12:11:09 PM	29	12	
12:29:24 PM	14	12:26:09 PM	22	8	
12:44:24 PM	13	12:41:09 PM	19	6	
12:59:24 PM	9	12:56:09 PM	22	13	
1:14:24 PM	11	1:11:09 PM	24	13	
1:29:24 PM	16	1:26:09 PM	27	11	
1:44:24 PM	15	1:41:09 PM	31	16	
1:59:24 PM	9	1:56:09 PM	36	27	
2:14:24 PM	7	2:11:09 PM	29	22	
2:29:24 PM	5	2:26:09 PM	24	19	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/18/2020

Upwind Serial Number 8530172413  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:30:15 AM	35	7:29:24 AM	73	38	
7:45:15 AM	14	7:44:24 AM	14	0	
8:00:15 AM	8	7:59:24 AM	14	6	
8:15:15 AM	7	8:14:24 AM	17	10	
8:30:15 AM	10	8:29:24 AM	26	16	
8:45:15 AM	8	8:44:24 AM	19	11	
9:00:15 AM	8	8:59:24 AM	27	19	
9:15:15 AM	9	9:14:24 AM	21	12	
9:30:15 AM	11	9:29:24 AM	20	9	
9:45:15 AM	8	9:44:24 AM	16	8	
10:00:15 AM	8	9:59:24 AM	14	6	
10:15:15 AM	9	10:14:24 AM	17	8	
10:30:15 AM	9	10:29:24 AM	17	8	
10:45:15 AM	10	10:44:24 AM	19	9	
11:00:15 AM	9	10:59:24 AM	18	9	
11:15:15 AM	2	11:14:24 AM	17	15	
11:30:15 AM	8	11:29:24 AM	31	23	
11:45:15 AM	9	11:44:24 AM	25	16	
12:00:15 PM	15	11:59:24 AM	28	13	
12:15:15 PM	13	12:14:24 PM	36	23	
12:30:15 PM	16	12:29:24 PM	31	15	
12:45:15 PM	12	12:44:24 PM	24	12	
1:00:15 PM	11	12:59:24 PM	27	16	
1:15:15 PM	8	1:14:24 PM	22	14	
1:30:15 PM	4	1:29:24 PM	23	19	
1:45:15 PM	5	1:44:24 PM	34	29	
2:00:15 PM	8	1:59:24 PM	28	20	
2:15:15 PM	7	2:14:24 PM	26	19	
2:30:15 PM	6	2:29:24 PM	31	25	

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

Project: Far Rockaway  
Location: 20-02 Mott Avenue  
Date: 8/19/2020

Upwind Serial Number 8530152902  
Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:28:57 AM	8	7:31:31 AM	40	32	
7:43:57 AM	12	7:46:31 AM	19	7	
7:58:57 AM	15	8:01:31 AM	20	5	
8:13:57 AM	16	8:16:31 AM	21	5	
8:28:57 AM	11	8:31:31 AM	23	12	Demobed early due to rain

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

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

Upwind Serial Number 0  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
--	0	7:25:02 AM	18	18	Upwind meter malfunction, ordered replacement. Using 0.0 as background value
--	0	7:40:02 AM	11	11	
--	0	7:55:02 AM	12	12	
--	0	8:10:02 AM	12	12	
--	0	8:25:02 AM	9	9	
--	0	8:40:02 AM	11	11	
--	0	8:55:02 AM	5	5	
--	0	9:10:02 AM	8	8	
--	0	9:25:02 AM	10	10	
--	0	9:40:02 AM	11	11	
--	0	9:55:02 AM	13	13	
--	0	10:10:02 AM	26	26	
--	0	10:25:02 AM	18	18	
--	0	10:40:02 AM	19	19	
--	0	10:55:02 AM	14	14	
--	0	11:10:02 AM	14	14	
--	0	11:25:02 AM	15	15	
--	0	11:40:02 AM	14	14	
--	0	11:55:02 AM	17	17	
--	0	12:10:02 PM	13	13	
--	0	12:25:02 PM	15	15	
--	0	12:40:02 PM	16	16	
--	0	12:55:02 PM	16	16	
--	0	1:10:02 PM	14	14	
--	0	1:25:02 PM	12	12	
--	0	1:40:02 PM	15	15	
--	0	1:55:02 PM	19	19	
--	0	2:10:02 PM	22	22	
--	0	2:25:02 PM	18	18	



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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/21/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:20 AM	17	7:30:18 AM	60	43	
7:44:20 AM	11	7:45:18 AM	86	75	
7:59:20 AM	13	8:00:18 AM	25	12	
8:14:20 AM	14	8:15:18 AM	38	24	
8:29:20 AM	17	8:30:18 AM	32	15	
8:44:20 AM	16	8:45:18 AM	45	29	
8:59:20 AM	16	9:00:18 AM	30	14	
9:14:20 AM	18	9:15:18 AM	82	64	
9:29:20 AM	16	9:30:18 AM	29	13	
9:44:20 AM	16	9:45:18 AM	21	5	
9:59:20 AM	34	10:00:18 AM	18	-16	
10:14:20 AM	17	10:15:18 AM	19	2	
10:29:20 AM	17	10:30:18 AM	35	18	
10:44:20 AM	16	10:45:18 AM	21	5	
10:59:20 AM	15	11:00:18 AM	25	10	
11:14:20 AM	15	11:15:18 AM	30	15	
11:29:20 AM	17	11:30:18 AM	16	-1	
11:44:20 AM	17	11:45:18 AM	27	10	
11:59:20 AM	18	12:00:18 PM	33	15	
12:14:20 PM	17	12:15:18 PM	25	8	
12:29:20 PM	19	12:30:18 PM	39	20	
12:44:20 PM	22	12:45:18 PM	42	20	
12:59:20 PM	20	1:00:18 PM	35	15	
1:14:20 PM	18	1:15:18 PM	37	19	
1:29:20 PM	23	1:30:18 PM	26	3	
1:44:20 PM	26	1:45:18 PM	24	-2	
1:59:20 PM	22	2:00:18 PM	28	6	
2:14:20 PM	21	2:15:18 PM	35	14	
2:29:20 PM	19	2:30:18 PM	32	13	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/24/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:27:28 AM	25	7:28:59 AM	49	24	
7:42:28 AM	18	7:43:59 AM	43	25	
7:57:28 AM	17	7:58:59 AM	39	22	
8:12:28 AM	19	8:13:59 AM	44	25	
8:27:28 AM	17	8:28:59 AM	35	18	
8:42:28 AM	17	8:43:59 AM	48	31	
8:57:28 AM	20	8:58:59 AM	71	51	
9:12:28 AM	24	9:13:59 AM	25	1	
9:27:28 AM	17	9:28:59 AM	28	11	
9:42:28 AM	17	9:43:59 AM	30	13	
9:57:28 AM	13	9:58:59 AM	38	25	
10:12:28 AM	14	10:13:59 AM	65	51	
10:27:28 AM	14	10:28:59 AM	43	29	
10:42:28 AM	12	10:43:59 AM	44	32	
10:57:28 AM	21	10:58:59 AM	33	12	
11:12:28 AM	12	11:13:59 AM	24	12	
11:27:28 AM	9	11:28:59 AM	39	30	
11:42:28 AM	10	11:43:59 AM	35	25	
11:57:28 AM	10	11:58:59 AM	32	22	
12:12:28 PM	12	12:13:59 PM	29	17	
12:27:28 PM	12	12:28:59 PM	36	24	
12:42:28 PM	12	12:43:59 PM	33	21	
12:57:28 PM	14	12:58:59 PM	38	24	
1:12:28 PM	15	1:13:59 PM	41	26	
1:27:28 PM	17	1:28:59 PM	46	29	
1:42:28 PM	18	1:43:59 PM	42	24	
1:57:28 PM	14	1:58:59 PM	44	30	
2:12:28 PM	11	2:13:59 PM	40	29	
2:27:28 PM	13	2:28:59 PM	38	25	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/25/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:28:33 AM	14	7:31:26 AM	66	52	
7:43:33 AM	11	7:46:26 AM	63	52	
7:58:33 AM	10	8:01:26 AM	37	27	
8:13:33 AM	6	8:16:26 AM	42	36	
8:28:33 AM	4	8:31:26 AM	43	39	
8:43:33 AM	3	8:46:26 AM	63	60	
8:58:33 AM	4	9:01:26 AM	65	61	
9:13:33 AM	2	9:16:26 AM	71	69	
9:28:33 AM	2	9:31:26 AM	55	53	
9:43:33 AM	1	9:46:26 AM	72	71	
9:58:33 AM	1	10:01:26 AM	52	51	
10:13:33 AM	0	10:16:26 AM	63	63	
10:28:33 AM	1	10:31:26 AM	67	66	
10:43:33 AM	1	10:46:26 AM	73	72	
10:58:33 AM	2	11:01:26 AM	62	60	
11:13:33 AM	0	11:16:26 AM	51	51	
11:28:33 AM	0	11:31:26 AM	46	46	
11:43:33 AM	0	11:46:26 AM	74	74	
11:58:33 AM	1	12:01:26 PM	57	56	
12:13:33 PM	0	12:16:26 PM	54	54	
12:28:33 PM	1	12:31:26 PM	44	43	
12:43:33 PM	2	12:46:26 PM	43	41	
12:58:33 PM	1	1:01:26 PM	39	38	
1:13:33 PM	1	1:16:26 PM	36	35	
1:28:33 PM	3	1:31:26 PM	41	38	
1:43:33 PM	4	1:46:26 PM	45	41	
1:58:33 PM	3	2:01:26 PM	52	49	
2:13:33 PM	4	2:16:26 PM	38	34	
2:28:33 PM	6	2:31:26 PM	47	41	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/26/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:25:46 AM	19	7:31:11 AM	82	63	
7:40:46 AM	19	7:46:11 AM	61	42	
7:55:46 AM	25	8:01:11 AM	40	15	
8:10:46 AM	23	8:16:11 AM	18	-5	
8:25:46 AM	24	8:31:11 AM	31	7	
8:40:46 AM	26	8:46:11 AM	46	20	
8:55:46 AM	27	9:01:11 AM	43	16	
9:10:46 AM	24	9:16:11 AM	33	9	
9:25:46 AM	14	9:31:11 AM	44	30	
9:40:46 AM	16	9:46:11 AM	46	30	
9:55:46 AM	13	10:01:11 AM	54	41	
10:10:46 AM	9	10:16:11 AM	14	5	
10:25:46 AM	9	10:31:11 AM	38	29	
10:40:46 AM	6	10:46:11 AM	15	9	
10:55:46 AM	7	11:01:11 AM	58	51	
11:10:46 AM	7	11:16:11 AM	34	27	
11:25:46 AM	6	11:31:11 AM	29	23	
11:40:46 AM	10	11:46:11 AM	24	14	
11:55:46 AM	7	12:01:11 PM	26	19	
12:10:46 PM	9	12:16:11 PM	28	19	
12:25:46 PM	4	12:31:11 PM	33	29	
12:40:46 PM	4	12:46:11 PM	31	27	
12:55:46 PM	3	1:01:11 PM	34	31	
1:10:46 PM	6	1:16:11 PM	39	33	
1:25:46 PM	9	1:31:11 PM	42	33	
1:40:46 PM	10	1:46:11 PM	48	38	
1:55:46 PM	15	2:01:11 PM	38	23	
2:10:46 PM	12	2:16:11 PM	36	24	
2:25:46 PM	13	2:31:11 PM	28	15	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/28/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:17 AM	14	7:29:55 AM	50	36	
7:44:17 AM	19	7:44:55 AM	31	12	
7:59:17 AM	22	7:59:55 AM	31	9	
8:14:17 AM	21	8:14:55 AM	31	10	
8:29:17 AM	16	8:29:55 AM	31	15	
8:44:17 AM	13	8:44:55 AM	31	18	
8:59:17 AM	15	8:59:55 AM	33	18	
9:14:17 AM	11	9:14:55 AM	31	20	
9:29:17 AM	9	9:29:55 AM	32	23	
9:44:17 AM	6	9:44:55 AM	36	30	
9:59:17 AM	8	9:59:55 AM	34	26	
10:14:17 AM	9	10:14:55 AM	36	27	
10:29:17 AM	11	10:29:55 AM	34	23	
10:44:17 AM	10	10:44:55 AM	34	24	
10:59:17 AM	13	10:59:55 AM	33	20	
11:14:17 AM	15	11:14:55 AM	39	24	
11:29:17 AM	11	11:29:55 AM	33	22	
11:44:17 AM	8	11:44:55 AM	36	28	
11:59:17 AM	6	11:59:55 AM	35	29	
12:14:17 PM	8	12:14:55 PM	34	26	
12:29:17 PM	7	12:29:55 PM	34	27	
12:44:17 PM	10	12:44:55 PM	32	22	
12:59:17 PM	16	12:59:55 PM	35	19	
1:14:17 PM	18	1:14:55 PM	36	18	
1:29:17 PM	14	1:29:55 PM	34	20	
1:44:17 PM	16	1:44:55 PM	35	19	
1:59:17 PM	12	1:59:55 PM	39	27	
2:14:17 PM	17	2:14:55 PM	41	24	
2:29:17 PM	15	2:29:55 PM	38	23	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/28/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:29:17 AM	14	7:29:55 AM	50	36	
7:44:17 AM	19	7:44:55 AM	31	12	
7:59:17 AM	22	7:59:55 AM	31	9	
8:14:17 AM	21	8:14:55 AM	31	10	
8:29:17 AM	16	8:29:55 AM	31	15	
8:44:17 AM	13	8:44:55 AM	31	18	
8:59:17 AM	15	8:59:55 AM	33	18	
9:14:17 AM	11	9:14:55 AM	31	20	
9:29:17 AM	9	9:29:55 AM	32	23	
9:44:17 AM	6	9:44:55 AM	36	30	
9:59:17 AM	8	9:59:55 AM	34	26	
10:14:17 AM	9	10:14:55 AM	36	27	
10:29:17 AM	11	10:29:55 AM	34	23	
10:44:17 AM	10	10:44:55 AM	34	24	
10:59:17 AM	13	10:59:55 AM	33	20	
11:14:17 AM	15	11:14:55 AM	39	24	
11:29:17 AM	11	11:29:55 AM	33	22	
11:44:17 AM	8	11:44:55 AM	36	28	
11:59:17 AM	6	11:59:55 AM	35	29	
12:14:17 PM	8	12:14:55 PM	34	26	
12:29:17 PM	7	12:29:55 PM	34	27	
12:44:17 PM	10	12:44:55 PM	32	22	
12:59:17 PM	16	12:59:55 PM	35	19	
1:14:17 PM	18	1:14:55 PM	36	18	
1:29:17 PM	14	1:29:55 PM	34	20	
1:44:17 PM	16	1:44:55 PM	35	19	
1:59:17 PM	12	1:59:55 PM	39	27	
2:14:17 PM	17	2:14:55 PM	41	24	
2:29:17 PM	15	2:29:55 PM	38	23	

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

Project: Far Rockaway  
 Location: 20-02 Mott Avenue  
 Date: 8/31/2020

Upwind Serial Number 8530152902  
 Downwind Serial Number 8530102614

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [ug/m3]	Time	Concentration [ug/m3]	Concentration [ug/m3]	
7:34:17 AM	31	7:28:36 AM	13	-18	
7:49:17 AM	19	7:43:36 AM	10	-9	
8:04:17 AM	22	7:58:36 AM	7	-15	
8:19:17 AM	16	8:13:36 AM	7	-9	
8:34:17 AM	14	8:28:36 AM	23	9	
8:49:17 AM	17	8:43:36 AM	8	-9	
9:04:17 AM	15	8:58:36 AM	5	-10	
9:19:17 AM	13	9:13:36 AM	6	-7	
9:34:17 AM	9	9:28:36 AM	4	-5	
9:49:17 AM	5	9:43:36 AM	9	4	
10:04:17 AM	8	9:58:36 AM	3	-5	
10:19:17 AM	4	10:13:36 AM	3	-1	
10:34:17 AM	4	10:28:36 AM	4	0	
10:49:17 AM	6	10:43:36 AM	3	-3	
11:04:17 AM	8	10:58:36 AM	5	-3	
11:19:17 AM	11	11:13:36 AM	8	-3	
11:34:17 AM	11	11:28:36 AM	7	-4	
11:49:17 AM	13	11:43:36 AM	11	-2	
12:04:17 PM	11	11:58:36 AM	16	5	
12:19:17 PM	9	12:13:36 PM	13	4	
12:34:17 PM	7	12:28:36 PM	12	5	
12:49:17 PM	5	12:43:36 PM	14	9	
1:04:17 PM	8	12:58:36 PM	19	11	
1:19:17 PM	11	1:13:36 PM	15	4	
1:34:17 PM	13	1:28:36 PM	13	0	
1:49:17 PM	16	1:43:36 PM	18	2	
2:04:17 PM	12	1:58:36 PM	22	10	
2:19:17 PM	14	2:13:36 PM	19	5	
2:34:17 PM	13	2:28:36 PM	17	4	