

### Hurricane Sandy - Air Curtain Incinerator – Air Monitoring at Floyd Bennett Field, Brooklyn, NY

DAILY PM <sub>2.5</sub> CONCENTRATIONS										
	Monitoring Date	FBF-01	FBF-02	FBF-03	FBF-04	FBF-05	FBF-06	FBF-07	FBF-08	Prevailing Wind
Pre-Burn Baseline Data	11/19/2012	14.01	7.00	13.99	13.52	7.01	6.26	5.37	5.03	N/A
	11/20/2012	14.73	5.91	16.88*	18.04	15.77	16.85	12.71	12.26	N/A
	11/21/2012	16.93	19.11	N/A	13.78	17.01	19.74	18.60	13.72*	N/A
	11/25/2012	6.09	7.57	7.61	5.94	6.75	5.98	6.60	5.74	N/A
	11/26/2012	15.43	17.72	17.17	15.15	15.49	24.24	14.34	14.66	N/A
	11/27/2012	6.03	3.56	4.64	4.64	3.61	23.06	2.41	12.60	N/A
Test-Burn	11/28/2012	14.69	16.44	17.08	9.32	15.40	15.46	15.61	15.18	NNW
	11/29/2012	20.37	21.92*	19.66*	10.87	20.82	19.60	20.44	20.29	W
Burn Day	12/28/2012	4.37	1.46*	7.18	6.12	21.72*	N/A	4.06	N/A	NW
	12/29/2012	14.88	N/A	11.17	17.13	24.94	N/A	10.1	N/A	NNE
	12/30/2012	4.43	9.19	6.32	0.83	1.17	N/A	N/A	N/A	NNW
	12/31/2012	N/A	11.08	11.60	7.16	10.44	N/A	4.26*	3.16*	W
	1/1/2013	N/A	11.65	13.52	15.47	14.73	N/A	11.39	9.83	WNW
	1/2/2013	N/A	5.31	15.14*	9.93	13.76	N/A	N/A	5.54*	NW
	1/3/2013	8.69*	15.37	15.85	12.56	13.41	8.76*	16.98*	14.71	WNW
	1/4/2013	N/A	22.54*	19.28*	17.28	16.87	17.30	20.94*	17.64	W
	1/5/2013	8.40*	14.03	13.45	5.99	12.59	12.90	11.16	20.29*	W
	1/6/2013	23.30*	26.00*	26.59*	30.35*	21.00*	28.87*	12.49*	22.74	SW
	1/7/2013	16.85	20.22	18.54	11.36	7.86	14.99	N/A	17.99	WNW
	1/8/2013	24.38	27.17*	29.46	24.53	24.07	25.73*	9.76*	22.72	SW
	1/9/2013	41.23*	39.36	39.39	34.89	33.74	37.17	36.47*	41.58	N
	1/10/2013	3.55*	7.73	9.24	0.03	8.29	11.46	19.12*	7.39	NW
	1/11/2013	5.87	6.91	8.19	9.95	7.01	6.86	4.99	6.22	E
	1/12/2013	14.94	22.05	26.05*	24.92*	21.78	29.56	15.62	19.95*	N
	1/13/2013	13.37	15.92	27.32*	31.42 <sup>^</sup>	22.24*	19.50	9.12*	14.60*	S
	1/14/2013	8.44	8.42*	10.07*	15.24*	15.12	10.08	9.64	10.06*	N
	1/15/2013	12.69	14.72	18.14	10.13	14.24*	12.25	16.01	14.93*	N
	1/16/2013	8.44*	15.50*	21.72	N/A	8.53*	25.34	8.88	22.11*	NNE
	1/17/2013	14.16*	13.86	15.53	N/A	15.99	15.21	11.21	12.45	NW
	1/18/2013	10.35*	8.41	6.46	4.02	14.12	6.37	3.53	5.02	N
	1/19/2013	17.96	29.58	7.41	5.31	6.12	7.43	4.37	5.95	SW
	1/20/2013	12.28	11.80	9.85	6.81	6.84	8.27	5.70	7.10	SW
	1/21/2013	9.54	12.18	9.34*	8.85	8.12	9.74	6.44*	7.83	SW
	1/22/2013	6.93	8.35	28.88*	7.63	7.41	8.88	6.05	9.47	WNW
	1/23/2013	6.70*	9.85	10.61*	8.67	8.25	10.19	7.45	10.19	WNW
	1/24/2013	8.80*	10.10*	N/A	7.72	14.27	11.76	8.97	8.80	N
	1/25/2013	6.90*	N/A	N/A	12.84	14.66	13.44	8.54	13.66	WSW
	1/26/2013	6.35*	4.00*	14.02	12.43	12.92	20.94	11.90	15.68	NW
	1/27/2013	10.11	10.65*	12.57	11.86	10.80	13.08	10.59	14.06	WNW
	1/28/2013	28.51	23.70*	43.73	44.50	30.48	35.29	20.32	27.69	SW
	1/29/2013	30.66	N/A	51.01	47.43	56.09	56.21	22.08	63.87	ESE
1/30/2013	11.06	12.64*	18.31	27.49	16.89	24.93	9.34	13.21	S	
1/31/2013	5.33	8.36	8.30	9.34	6.94	6.95	4.24	5.31	W	
2/1/2013	4.97	4.36	5.61	5.67	5.50	7.13	4.31	6.32	W	
2/2/2013	11.26	8.21*	10.98	15.27	11.62	11.84	8.13	15.07	WSW	
2/3/2013	17.95	N/A	22.62	22.11	21.64	25.21	13.01	23.60	NNE	
2/4/2013	17.81*	7.73*	12.15	14.10	12.14	12.82	9.44	13.06	W	
2/5/2013	N/A	N/A	27.63*	30.89	31.11	33.61	17.27	43.58	NE	
2/6/2013	20.77	22.26	23.87	N/A	23.71	29.44	16.58	27.41	W	
2/7/2013	6.25	7.80	5.90	N/A	8.03	7.10	7.12	6.64	NE	

2/8/2013	5.02	4.43*	4.99	3.59*	11.73	6.97	4.61	5.08	NE
2/9/2013	4.43*	N/A	4.55*	4.76	12.21	10.03	5.08	4.96	NW
2/10/2013	11.64*	18.83*	14.62*	1.00*	12.36	12.87	10.47	13.65*	NW
2/11/2013	9.45*	13.33*	11.77	12.58	10.38	12.38	11.94*	9.82*	SE
2/12/2013	10.18	8.65	13.65*	9.96	9.92	11.83	11.05	12.80	W
2/13/2013	16.24	15.12	9.62*	15.49*	15.56	16.61	14.73	15.21	N
2/14/2013	19.41	25.38	19.06*	16.83	19.30	16.65*	15.16	17.44*	N

All monitoring data is depicted in  $\mu\text{g}/\text{m}^3$

Values depicted in **RED** are in exceedance of  $35 \mu\text{g}/\text{m}^3$

All monitoring data is depicted as a 24 hour rolling Time Weighted Average (TWA)

\* - Monitoring data based on a less than 24-hr run-time

^ - Data corrected to address monitoring fault condition, previous calculated value  $35.05^*$

N/A - Monitoring data not reported due to equipment malfunction

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