

PM ₁₀ Monitoring		PM ₁₀ (ug/m ³)					
Date	Time	Station #1	Station #2	Station #3	Station #4	Station #5	Station #6
5/28/2019	7:00 AM	7	0	0	n/a	n/a	8
5/28/2019	8:00 AM	8	31	10	29	0	11
5/28/2019	9:00 AM	11	6	31	34	33	16
5/28/2019	10:00 AM	12	20	23	23	19	14
5/28/2019	11:00 AM	13	18	18	23	21	13
5/28/2019	12:00 PM	14	18	15	30	16	14
5/28/2019	1:00 PM	15	16	14	24	11	15
5/28/2019	2:00 PM	19	11	23	20	25	18
5/28/2019	3:00 PM	18	27	35	33	22	18
5/28/2019	4:00 PM	16	19	25	24	35	15

Note: Station #1 and #6 are DustTrack monitors.
Station #2, #3, #4, and #5 are E-BAM monitors.

Air Monitoring		Wind Direction	Difference in PM ₁₀ (ug/m ³)*			Compliance Status		
Date	Time		#3-#4	#3-#5	#5-#4	Delta #3-#4	Delta #3-#5	Delta #4-#5
5/28/2019	7:00 AM	Calm	n/a	n/a	n/a	n/a		n/a
5/28/2019	8:00 AM	Calm, SE, SE	-19	10	-29	Compliance		Compliance
5/28/2019	9:00 AM	SE, SE, SW	-3	-2	-1	Compliance		Compliance
5/28/2019	10:00 AM	S	0	4	-4	Compliance		Compliance
5/28/2019	11:00 AM	SE, S, SE	-5	-3	-2	Compliance		Compliance
5/28/2019	12:00 PM	S, SE, SE	-15	-1	-14	Compliance		Compliance
5/28/2019	1:00 PM	SE, S, SW	-10	3	-13	Compliance		Compliance
5/28/2019	2:00 PM	S, E, SW	3	-2	5	Compliance		Compliance
5/28/2019	3:00 PM	S, SW, SW	2	13	-11	Compliance		Compliance
5/28/2019	4:00 PM	S	1	-10	11	Compliance		Compliance

*: Difference of PM10 concentration between two stations.

n/a: Not available due to negative values

Summary:

The data above was collected on 5/28/19 and presents the hourly data for each of the air monitoring stations. The second table shows the difference in concentration between the upwind and cross-wind air monitoring stations. Based on this data, all incremental concentrations were less than 50 ug/m³ and lower than the permissible limit per AQMD Rule 403.



May 28, 2019 Prevailing Wind Direction: Southerly Wind with Variable Wind Directions of S/SE/SW.



Raw Data		NO _x in ppm		
Date	Time	Station #2	Station #4	Station #6
5/28/2019	7:00 AM	0.00		0.30
5/28/2019	8:00 AM	0.00	1.78	0.17
5/28/2019	9:00 AM	0.00	1.67	0.02
5/28/2019	10:00 AM	0.00	1.58	0.00
5/28/2019	11:00 AM	0.00	1.50	0.00
5/28/2019	12:00 PM	0.00	1.13	0.00
5/28/2019	1:00 PM	0.00	0.88	0.00
5/28/2019	2:00 PM	0.00	0.88	0.00
5/28/2019	3:00 PM	0.00	0.70	0.00
5/28/2019	4:00 PM	0.00		