Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 1.7.2022 (BASED ON WHO GUIDELINES - 2021)

Permissible Limits (24 Hour Mean): $PM_{10} = 45$; $PM_{2.5} = 15$, all units are in $\mu g/m^3$

	Date	DAYALBAGH (TIME WEICHTED AMERACE DATA)									Date	SANJAY PLACE									
	Today: July 1 – June 30		Concentration (µg/m ³)		IME WEIGHTED AVERAGE DATA) Meteorological Parameters							Concentration (µg/m³)		(ARITHMETIC MEAN DATA) Meteorological Parameters							
	Yesterday June 30 – 29	PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	Τ°C				July 1 – June 30 Yesterday						Τ°C		SR	RF	
							Max	Min	SR W/m ²	RF mm	June 30 – 29	PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	Max	Min		mm	
4 / 97	Today	10	16↑	90	2.0	NE	28.6	25.7	77	13											
	Yesterday	8	29	66	3.4	ENE	41.7	26.5	147	8.5	Today	18↑	46↑	79	1.1	NE	29.4	27.4	64	20	
3 / 34	Today	17	26	88	2.1	NE	28.4	25.6	77	13											
	Yesterday	15	24	66	3.4	ENE	41.8	26.3	148	8.5											
Science Faculty	Today	12	19	88	2.0	NE	28.3	25.7	77	13	Yesterday	26	101	60	3.0	SE	41.4	27.4	157	11	
	Yesterday	12	21	66	3.4	ENE	42.8	26.3	148	8.5											

COLOUR-CODE:

E:

Outside WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, the concentrations of both $PM_{2.5}$ and PM_{10} have marginally changed at all the three locations of Dayalbagh. Concentrations of both $PM_{2.5}$ and PM_{10} are within the WHO permissible limits at the three locations.

At Sanjay Place also, concentrations of $PM_{2.5}$ and PM_{10} have decreased, but they are still outside the WHO permissible limits.

Perused <u>By Way of Information Only</u>, <u>Subject To</u> Legalise/Legalese/"Laws of the Land".

Friday, 01-07-2022, 05 /1 PM

Received, Friday, 01-07-2022, 05(71 PM Received, Friday, 01-07-2022, 12:34 PM

Since WHO (World Health Organization) Guidelines only provide a single value for permissible PM_{2.5} and PM₁₀ pollutant concentrations and do not provide concentration bands for the different Air Quality Index (AQI) categories ranging from *Good* to *Hazardous for All*, as does the US EPA (United States Environmental Protection Agency), the Report 2 annexed based on US EPA norms may be referred to, for <u>Air Quality Index (AQI) & Water Quality Index (WQI) categories</u>.

Within WHO 2021 Limits