## Radhasoami Dayal Ki Daya Radhasoami Sahai

## AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 9.6.2022 (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 Today: June 9 – 8	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)  Concentration Meteorological Parameters									Date	SANJAY PLACE (ARITHMETIC MEAN DATA)  Concentration Meteorological Parameters								
			(μg/m³)		- C							<b>Today</b> : June 9 – 8	(μg,	J							
3/		Yesterday	PM <sub>2.5</sub>	PM <sub>10</sub>	RH %	WS m/s	WD	T	C	SR	RF	Yesterday PM <sub>2.5</sub>		PM <sub>10</sub>	RH %	WS m/s	WD	T °C		SR	RF
	mance to	June 8 – 7						Max	Min	W/m <sup>2</sup>	mm		PM <sub>2.5</sub>					Max	Min	W/m <sup>2</sup>	mm
	3/34	Today	08↑	81↑	24	5.3	N	46.7	32.8	157	0	Today	44↑	265↑↑	27	4.0	SSW	47.8	35.1	235	0
		Yesterday	13	120	29	5.2	S	45.5	33.0	155	0										
		Today	10↑	44↑	24	5.3	N	45.4	33.5	173	0										
		Yesterday	15	61	24	5.2	S	44.7	33.0	178	0	Yesterday	62	367	29	3.9	S	47.0	36.1	229	0
	Science Faculty	Today	09↑	42↑	25	5.3	N	45.2	33.0	168	0										
		Yesterday	12	59	30	5.2	S	43.7	32.4	172	0										

Within WHO 2021 Limits

Beyond WHO 2021 Limits

**Views of AQI Research Group:** In comparison to yesterday, concentrations of  $PM_{2.5}$  and  $PM_{10}$  have decreased at all locations of Dayalbagh. Concentrations of  $PM_{2.5}$  are within the WHO limits at all three locations of Dayalbagh. Concentrations of  $PM_{10}$  are within the WHO limits at Prem Nagar and Science Faculty, but remain beyond the WHO permissible limits at Vidyut Nagar.

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

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

Thursday, 09-06-2022, 04:07 PM Received, Thursday, 09-06-2022, 12:46 PM

Since WHO (World Health Organization) Guidelines only provide a single value for permissible  $PM_{2.5}$  and  $PM_{10}$  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 Air Quality Index (AQI) categories.