



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi)

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COMPARTIVE STATUS OF WATER QUALITY OF RIVER YAMUNA ON THE OCCASION OF DUSHERA (PRE & POST 2019)

Report No: DPCCW/IM/19-20/01-10/

Date:

o.	Location	Period of Monitoring	pH	TSS	COD	BOD	DO	TDS	Total Solid	Cu	Cr	Ni	Fe	Cd	Pb	Zn	Total Metals	% Variation
	Shyam Ghat	Pre Immersion (04.10.19)	7.3	32	20	6.8	6	232	264	ND	ND	0.48	0.11	ND	ND	ND	0.59	TSS- 25% Decrease COD- 20% Decrease BOD - 26.4% Decrease T.M- 11.8 % Decrease
		Post Immersion (09.10.19)	7.2	24	16	5	5.3	188	212	ND	ND	ND	0.38	ND	ND	0.14	0.52	
	Kudesia Ghat	Pre Immersion (04.10.19)	7	16	28	7.6	NIL	259	275	ND	ND	0.48	0.36	ND	ND	ND	0.84	TSS- 25 % Decrease COD- 14.2 % Decrease BOD -5.2 % Decrease T.M- 55.9 % Decrease
		Post Immersion 09.10.19	7.5	12	24	7.2	NIL	234	248	ND	ND	ND	0.26	ND	ND	0.11	0.37	
	Geeta Ghat	Pre Immersion 04.10.19)	7.4	26	56	16	0.6	398	424	ND	ND	ND	0.78	ND	ND	0.38	1.16	TSS- 30.7 % Decrease COD-35.7% Decrease BOD -25 % Decrease T.M- 55.1 % Decrease
		Post Immersion (09.10.19)	7.7	18	36	12	0.5	482	500	ND	ND	ND	0.34	ND	ND	0.18	0.52	

Mishra

Solely

No.	Location	Period of Monitoring	pH	TSS	COD	BOD	DO	TDS	Total Solid	Cu	Cr	Ni	Fe	Cd	Pb	Zn	Total Metals	% Variation
7	Kalindi Ghat	Pre Immersion 04.10.19)	8	38	80	24	NIL	525	563	ND	ND	ND	0.60	ND	ND	0.28	0.88	TSS-5.2 % Decrease COD- 10 % Decrease BOD – 12.5 % Decrease T.M- 27.20% Decrease
		Post Immersion 09.10.19	7.6	36	72	21	NIL	425	461	ND	ND	ND	0.64	ND	ND	ND	0.64	

All parameters are in mg/l except Ph.

Conclusion: Water quality of River Yamuna was found to be improved (Post Immersion) in the Year 2019 w.r.t BOD, COD, TSS & Toxic metals.

Mitra

Dr. ...
B.Sc.