



DELHI POLLUTION CONTROL COMMITTEE

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

4th Floor, I.S.B.T. Building, Kashmere Gate, Delhi - 110006

Website : <http://www.dpcc.delhigovt.nic.in>

WATER QUALITY OF RIVER YAMUNA ON THE OCCASION OF DUSSEHRA

Report No: DPCC/W/IM/18-19/11-17/1607

Date: 6/11/2018

S.No.	Location	Period of Monitoring	pH	TSS	COD	BOD	DO	TDS	Total Solid	Cu	Cr	Ni	Fe	Cd	Pb	Zn	Remarks
1	Shyam Ghat	Pre Immersion	7.6	94	12	1.6	7.0	181	275	0.93	1.52	0.17	0.10	ND	ND	0.48	TSS- High during & post immersion. BOD- High during & DO no significant change. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.6	292	64	22	5.2	202	1362	2.26	5.56	0.41	0.56	ND	ND	1.80	
		Post Immersion	7.3	130	48	12	4.6	252	382	1.81	1.80	0.28	0.52	ND	ND	0.99	
2	Kudesia Ghat	Pre Immersion	7.3	96	44	12.4	NIL	554	650	0.86	1.36	0.15	0.43	ND	ND	0.36	TSS-High during immersion. BOD- No significant change. DO- NIL. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.5	132	76	20	NIL	585	717	2.15	2.09	0.27	0.72	ND	ND	0.99	
		Post Immersion	6.8	72	72	18	NIL	588	606	1.71	1.36	0.21	0.43	ND	ND	0.81	

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S.No.	Location	Period of Monitoring	pH	TSS	COD	BOD	DO	TDS	Total Solid	Cu	Cr	Ni	Fe	Cd	Pb	Zn	Remarks
3	Geeta Ghat	Pre Immersion	7.8	150	40	6.4	1.6	381	681	0.41	1.16	0.06	0.18	ND	ND	0.42	TSS- Increase during immersion. BOD- High during immersion. DO- Available. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.6	192	60	17	0.4	401	1157	2.09	2.88	0.26	0.47	ND	ND	1.13	
		Post Immersion	7.0	72	44	12	2.9	400	472	1.17	1.27	0.21	0.27	ND	ND	0.85	
4	Geeta Colony Ghat	Pre Immersion	7.9	52	40	9.6	1.4	388	452	0.47	1.10	0.06	0.22	ND	ND	0.35	TSS- No significant change. BOD- Increases during and post immersion. DO- Available. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.5	64	68	18	0.8	409	573	1.91	2.91	0.26	0.39	ND	ND	1.16	
		Post Immersion	7.1	32	64	18	1.2	388	404	1.61	1.39	0.21	0.47	ND	ND	0.77	
5.	Haathi Ghat	Pre Immersion	7.6	68	44	12	NIL	446	514	0.58	0.55	0.08	0.10	ND	ND	0.15	TSS- Increases during immersion. BOD- Increases during immersion. DO- NIL during immersion. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.4	80	72	22	NIL	419	499	1.64	2.77	0.19	0.52	ND	ND	1.14	
		Post Immersion	7.1	56	44	15	1.7	423	437	1.34	1.05	0.12	0.47	ND	ND	0.65	

S.No.	Location	Period of Monitoring	pH	TSS	COD	BOD	DO	TDS	Total Solid	Cu	Cr	Ni	Fe	Cd	Pb	Zn	Remarks
6.	Mayur Vihar Ghat	Pre Immersion	7.2	72	40	12	2.1	392	464	0.41	1.10	0.32	0.10	ND	ND	0.38	TSS- No significant change. BOD- Increases post immersion. DO- Available. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.4	76	80	25	0.6	410	486	1.80	2.49	0.72	0.56	ND	ND	0.99	
		Post Immersion	7.0	66	72	22	0.7	409	475	1.40	1.07	0.70	0.22	ND	ND	0.96	
7.	Kalindi Ghat	Pre Immersion	7.4	40	56	18	1.3	400	480	0.34	1.02	0.30	0.10	ND	ND	0.35	TSS- Increases during and post immersion. BOD- Increases during immersion. DO- Available. Metal contamination increases during & post immersion except Pb & Cd.
		During Immersion	7.5	80	96	28	0.8	428	468	1.84	2.88	0.74	0.31	ND	ND	0.91	
		Post Immersion	7.2	38	64	20	3.1	447	485	1.56	0.18	0.50	0.18	ND	ND	0.74	

*parameters are in mg/l except pH value.

Date of monitoring

Pre Immersion	18.10.18
During Immersion	19.10.18
Post Immersion	20.10.18

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