

Status of Sea Water Quality on the occasion of Vinayagar chathurthi festival 2015

S .No	Parameter	Pre Immersion		Post Immersion	
		Sample I	Sample II	Sample I	Sample II
		South	At immersion point	South	At immersion point
1	Date of sampling	09.09.2015	08.09.2015	23.09.2015	23.09.2015
2	Temperature °C	32°C	30°C	32°C	32°C
3	Time	11.00	11.45	11.35	12.10
4	pH	8.56	8.56	8.50	8.52
5	Conductivity ms	52.0	52.1	50	50.1
6	Turbidity NTU	2.0	2.0	2.0	2.0
7	BOD mg/l	BDL	BDL	BDL	BDL
8	TDS mg/l	40,280	40,846	38,690	38,178
9	Total Solids mg/l	40,285	40,850	38,691	38,180
10	DO mg/l	6.7	6.5	6.4	6.6
11	Iron as Fe mg/l	1.61	1.74	0.50	0.45
12	Nickel as Ni mg/l	0.023	< 0.001	0.013	0.008
13	Zinc as Zn mg/l	0.480	0.038	0.412	0.016
14	Cadmium as Cd mg/l	0.003	0.001	0.002	< 0.001
15	Lead as Pb mg/l	0.002	0.023	0.005	0.015
16	Copper as Cu mg/l	0.051	< 0.005	0.008	0.002
17	Total Chromium as Cr mg/l	0.022	0.022	0.016	0.020