

**Polluted River Stretch Priority-V
(Surya River, State - Maharashtra)**

Latest Water Quality As per Assessment Targeted (Characteristics of River)

2706 - Surya River at U/s of Surya Dam, Village- Dhamni, Taluka- Vikramgad, District- Thane.

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality
January	2017	7.8	7.3	3	2	6	Complying
	2018	8.6	7	3.2	6.8	17	Non Complying
	2019	6.8	7.2	3	7.8	38	Complying
February	2017	7.1	7.6	3.8	4.5	45	Non Complying
	2018	6.9	7.2	3.2	17	430	Non Complying
	2019	8.5	6.6	3.8	13	46	Non Complying
March	2017	8.3	7	3	2	11	Complying
	2018	8.2	6.5	3.6	12	79	Non Complying
	2019	7.6	7.6	3	11	33	Complying
April	2017	8.2	7.2	3.6	17	70	Non Complying
	2018	7.2	6.9	4	1.8	26	Non Complying
	2019	7.8	7.3	3	13	46	Complying
May	2017	7.5	6.8	3.8	11	33	Non Complying
	2018	7.8	7	3.4	4	33	Non Complying
	2019	6.8	7	3	13	46	Complying
June	2017	7.7	6.8	3.2	22	41	Non Complying
	2018	7.6	7.2	3.2	4	46	Non Complying
July	2017	7.6	6.3	4	21	70	Non Complying
	2018	8.4	7.0	3	17	70	Complying
August	2017	7.3	7.2	3.2	17	46	Non Complying
	2018	7.9	6	4	7.8	26	Non Complying
September	2017	7.5	7	3.4	17	33	Non Complying
	2018	8.2	6.7	3.5	17	47	Non Complying
October	2017	8.1	7.2	3.8	17	49	Non Complying
	2018	7.5	7	3	7.8	47	Complying
November	2017	8.2	7	3.4	17	63	Non Complying
	2018	8.1	6.5	3.5	7.8	22	Non Complying
December	2017	8.3	7	3	17	46	Complying
	2018	8	6.9	3	17	33	Complying

2707 - Surya River at MIDC pumping station on Boisar - Chillarphata road, Village- Garvashet, Taluka- Palghar, District- Thane

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality
January	2017	7.8	7.00	3.2	7.8	22.0	Non Complying
	2018	8.6	7.2	3.2	7.8	26	Non Complying
	2019	7.2	7.1	3	11	46	Complying
February	2017	7.5	6.9	3.8	17	46.0	Non Complying
	2018	7	6.8	3	40	430	Complying
	2019	8.5	6.8	4	11	40	Non Complying
March	2017	8.2	7.1	3	13.0	26	Complying
	2018	8.1	7.2	3.2	10	40	Non Complying
	2019	7.8	7.5	3	2	70	Complying
	2017	8	7.2	3.2	22	79	Non Complying

April	2018	7.7	7	4	4	26	Non Complying
	2019	8.2	7.2	3	11	40	Complying
May	2017	7.5	7.2	3.2	22	79	Non Complying
	2018	8.2	7	3.2	4	33	Non Complying
	2019	6.7	6	4	11	40	Non Complying
June	2017	7.6	6.7	3.4	22	79.0	Non Complying
	2018	7.5	7.3	3.6	4	40	Non Complying
July	2017	7.5	6.5	4	27.0	79	Non Complying
	2018	6.9	7.1	3.0	7.9	23	Complying
August	2017	7.6	7.4	3.2	11	40.0	Non Complying
	2018	7.8	6.9	3	31	84	Complying
September	2017	7.6	6.2	4.00	22.0	79	Non Complying
	2018	8.2	7.2	3	7.8	23	Complying
October	2017	7.8	7.6	3.4	17	63	Non Complying
	2018	7.7	6.5	3.5	14	79	Non Complying
November	2017	8.2	7.3	3.2	22.0	70	Non Complying
	2018	8	7	3	17	41	Complying
December	2017	8.3	7	3	7.8	33	Complying
	2018	7.9	7.2	3	11	49	Complying

2708 - Surya River at intake of Vasai-Virar water Scheme, Village- Masvan, Taluka- Palghar, District- Thane.							
Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality
January	2017	7.9	6.6	3.6	11	27	Non Complying
	2018	8.5	7.5	3	170	920	Complying
	2019	7.4	7.1	3	21	84	Complying
February	2017	7.7	7	3.6	7.8	51	Non Complying
	2018	7.3	7	3.4	25	120	Non Complying
	2019	8.4	6.7	4	33	110	Non Complying
March	2017	8.0	7.2	3.0	8	20	Complying
	2018	8.1	7.1	3.2	14	48	Non Complying
	2019	7.9	7.4	3.2	27	79	Non Complying
April	2017	7.8	7	3.6	13.0	46	Non Complying
	2018	7.9	7	4	1.8	17	Non Complying
	2019	8.2	7.6	3	33	110	Complying
May	2017	7.4	6.4	3.6	26	120	Non Complying
	2018	8.3	7.1	3	7.8	23	Complying
	2019	6.9	7.1	3	33	110	Complying
June	2017	7.6	6.8	3	17.0	46	Complying
	2018	7.6	7.3	3.8	6.1	48	Non Complying
July	2017	7.9	6.6	4.0	26	94	Non Complying
	2018	7.3	6.8	3.5	23	130	Non Complying
August	2017	7.7	7.2	3.4	22.0	120	Non Complying
	2018	7.8	6.2	3.5	33	130	Non Complying
September	2017	7.6	6.4	4.0	26	140	Non Complying
	2018	8.2	7	3	22	94	Complying
October	2017	7.9	7.5	3	23.0	110	Complying
	2018	7.9	6.8	3	13	84	Complying
November	2017	8.2	7.2	3.2	33	110	Non Complying

NOVEMBER	2018	8	7.1	3	13	49	Complying
December	2017	8.3	7.2	3	7.8	25	Complying
	2018	7.7	6.9	3	22	130	Complying