

Polluted River Stretch Priority-V (Surya River, State - Maharashtra) <u>Latest Water Quality As per Assessment Targeted (Characteristics of River)</u>							
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
	2019	7.6	7	3	< 1.8	6.1	Complying
July	2017	7.6	6.3	4	21	70	Non Complying
	2018	8.4	7.0	3	17	70	Complying
	2019	8.2	6.5	4	94	540	Non Complying
August	2017	7.3	7.2	3.2	17	46	Non Complying
	2018	7.9	6	4	7.8	26	Non Complying
	2019	7.4	7.1	3	6.1	34	Complying
September	2017	7.5	7	3.4	17	33	Non Complying
	2018	8.2	6.7	3.5	17	47	Non Complying
	2019	6.9	7.2	3	280	920	Complying
October	2017	8.1	7.2	3.8	17	49	Non Complying
	2018	7.5	7	3	7.8	47	Complying
	2019	7.4	7.1	4	220	540	Non Complying
November	2017	8.2	7	3.4	17	63	Non Complying
	2018	8.1	6.5	3.5	7.8	22	Non Complying
	2019	7.4	6.9	4	4.5	21	Non Complying
December	2017	8.3	7	3	17	46	Complying
	2018	8	6.9	3	17	33	Complying
	2019						
2707 - Surya River at MIDC pumping station on Boisar - Chillarpata 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
April	2017	8	7.2	3.2	22	79	Non Complying
	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
	2019	7.7	7.2	3	< 1.8	17	Complying
July	2017	7.5	6.5	4	27.0	79	Non Complying
	2018	6.9	7.1	3	7.9	23	Complying
	2019	8	6.8	4	170	1600	Non Complying
August	2017	7.6	7.4	3.2	11	40.0	Non Complying
	2018	7.8	6.9	3	31	84	Complying
	2019	7.6	7	4	27	540	Non Complying
September	2017	7.6	6.2	4	22.0	79	Non Complying
	2018	8.2	7.2	3	7.8	23	Complying
	2019	6.9	7	4	27	540	Non Complying
October	2017	7.8	7.6	3.4	17	63	Non Complying
	2018	7.7	6.5	3.5	14	79	Non Complying
	2019	7.3	7	4	27	220	Non Complying
November	2017	8.2	7.3	3.2	22.0	70	Non Complying
	2018	8	7	3	17	41	Complying
	2019	7.4	7.2	3	<1.8	5.6	Complying
December	2017	8.3	7	3	7.8	33	Complying
	2018	7.9	7.2	3	11	49	Complying
	2019						
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	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
	2019	7.6	7.2	3	< 1.8	< 1.8	Complying
July	2017	7.9	6.6	4	26	94	Non Complying
	2018	7.3	6.8	3.5	23	130	Non Complying
	2019	7.9	6.6	4	280	1600	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
	2019	7.6	7	4	79	210	Non Complying
September	2017	7.6	6.4	4	26	140	Non Complying
	2018	8.2	7	3	22	94	Complying
	2019	7.1	7.1	4	17	110	Non Complying
October	2017	7.9	7.5	3	23.0	110	Complying
	2018	7.9	6.8	3	13	84	Complying
	2019	7.4	7.2	4	17	79	Non Complying
November	2017	8.2	7.2	3.2	33	110	Non Complying
	2018	8	7.1	3	13	49	Complying
	2019	7.3	7.3	3	17	79	Complying
December	2017	8.3	7.2	3	7.8	25	Complying
	2018	7.7	6.9	3	22	130	Complying
	2019						