

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
	2020	7.1	7.5	3	<1.8	<1.8	Complying
	2021	7.2	7.3	3.4	2	7.8	Non Complying
	2022	7.6	7.5	3	7.8	23	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
	2020	8	7.7	2.8	<1.8	3.7	Complying
	2021	8	7.2	3.2	1.8	4.5 (BDL)	Non Complying
	2022	7.6	6.9	4	7.8	23	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
	2020	7.4	7.2	3.8	<1.8	<1.8	Non Complying
	2021	7.3	7.3	3.4	17	70	Non Complying
	2022	7.8	6.2	7	7.8	23	Non 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
	2020						Lockdown
	2021	7.8	7.4	3.4	6.8	33	Non Complying
	2022	8	7.4	3.6	7.8	23	Non 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
	2020	6.9	6.2	3	<1.8	21	Complying
	2021	8.2	7.5	3	6.8	33	Complying
	2022	7.6	7.6	3	22	110	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
	2020	8.1	6.4	3.2	21	70	Non Complying
	2021	7.3	7.6	3.6	2	17	Non Complying
	2022	7.6	7	4	7.8	34	Non 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
	2020	7.6	7.1	2.8	<1.8	34	Complying
	2021	7.9	7.5	3.4	13	43	Non Complying
	2022	7.8	7	3	1.8(BDL)	14	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
	2020	7.6	6.5	3	1.8	34	Complying
	2021	7	7.2	3.6	6.8	33	Non Complying
	2022	7.4	7.2	3	7.8	23	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
	2020	7.6	7.3	3.6	2	26	Non Complying
	2021	7.8	7.5	3.4	4.5	22	Non Complying
	2022	7.7	6.9	4	4.5	32	Non 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
	2020	8	6.7	4	7.8	240	Non Complying
	2021	7.9	7.2	3.2	<1.8	7.8	Non Complying
	2022	8.5	7.5	2.4	1.8(BDL)	7.8	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
	2020	7.8	6.9	4	17	130	Non Complying
	2021	8.1	7.5	3.2	7.8	70	Non Complying
	2022	8	7.5	2.6	17	46	Complying
December	2017	8.3	7	3	17	46	Complying
	2018	8	6.9	3	17	33	Complying
	2019	7.4	7.4	3	1.8	2	Complying
	2020	7.4	7.1	3.6	11	70	Non Complying
	2021	8.2	6.8	3.2	12	140	Non Complying
	2022	6.8	7.5	2.6	1.8(BDL)	21	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
	2020	7.2	7.4	3	<1.8	<1.8	Complying
	2021	7.6	7.2	3.4	22	49	Non Complying
February	2022	7.7	7.5	3	4.5	34	Complying
	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
	2020	8	7.6	3	7.8	7.8	Complying
	2021	8	7.3	3.2	22	70	Non Complying
March	2022	8	7	3	4.5	34	Complying
	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
	2020	7.5	7.3	3.6	<1.8	<1.8	Non Complying
April	2021	7.7	7.3	3.4	2	11	Non Complying
	2022	7.9	6.8	4	4.5	34	Non Complying
	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
	2020						Lockdown
May	2021	7.9	7.4	3.4	4.5	22	Non Complying
	2022	8.1	7.3	3.6	4.5	34	Non Complying
	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
	2020	7.4	6.5	2.8	<1.8	13	Complying
June	2021	8.3	7.4	3	7.8	27	Complying
	2022	7.6	7.6	3	13	79	Complying
	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
	2020	8	6.7	3	21	63	Complying
July	2021	7.5	7.4	3.6	2	22	Non Complying
	2022	7.6	7.6	3	13	79	Complying
	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
	2020	7.5	6.8	3	<1.8	33	Complying
August	2021	8.3	7.4	3.4	13	46	Non Complying
	2022	7.8	7.1	3	23	170	Complying
	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
	2020	7.7	7.2	2.8	21	63	Complying
September	2021	7.4	6.9	4	6.8	40	Non Complying
	2022	7.3	7.3	2.8	7.8	34	Complying
	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
	2020	7.9	7.3	3.4	17	49	Non Complying
October	2021	7.8	7.4	3.4	2	23	Non Complying
	2022	7.5	6.8	4	4.5	34	Non Complying
	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
	2020	8.1	7.3	3	12	220	Complying
November	2021	8	7.5	3.2	22	70	Non Complying
	2022	8.8	7.3	2.4	1.8(BDL)	27	Complying
	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
	2020	7.6	6.8	4	13	130	Non Complying
December	2021	8.2	7.6	3.2	17	63	Non Complying
	2022	7.6	7.5	2.6	7.8	70	Complying
	2017	8.3	7	3	7.8	33	Complying
	2018	7.9	7.2	3	11	49	Complying
	2019	7.5	7	4	2	<1.8	Non Complying
	2020	7.5	7	3.8	13	110	Non Complying
December	2021	8.2	7	3.2	7.8	110	Non Complying
	2022	6.8	7.5	2.8	1.8(BDL)	22	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
	2020	7.3	7.4	3	<1.8	<1.8	Complying
	2021	7.5	7.4	3.2	1.8	3.7	Non Complying
	2022	7.6	7.3	3.2	17	79	Non 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
	2020	8.1	7.5	3	23	33	Complying
	2021	8.1	6.9	3.6	7.8	23	Non Complying
	2022	8.2	7	3	17	79	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
	2020	7.2	7.4	3.8	<1.8	<1.8	Non Complying
	2021	7.9	6.9	3.8	17	70	Non Complying
	2022	7.9	6.9	4	17	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
	2020						Lockdown
	2021	7.9	7.2	3.6	13	58	Non Complying
	2022	8.2	7.2	3	17	79	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
	2020	7.6	6.1	3	<1.8	33	Complying
	2021	8.2	7.3	3	7.8	23	Complying
	2022	7.5	7.1	1.6	17	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
	2020	8	6.4	3.2	13	79	Non Complying
	2021	7.7	7.1	3.8	4.5	23	Non Complying
	2022	7	6.3	5	17	49	Non 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
	2020	7.6	7	2.8	<1.8	48	Complying
	2021	8.3	7.2	3.8	17	48	Non Complying
	2022	7.8	7.2	2.8	1.8(BDL)	7.8	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
	2020	7.7	7.1	2.8	14	79	Complying
	2021	7.6	7.2	3.6	4.5	33	Non Complying
	2022	7.5	7.3	2.8	17	70	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
	2020	7.9	7.3	3.8	11	70	Non Complying
	2021	7.8	7.2	3.6	4.5	17	Non Complying
	2022	7.2	6.9	4	17	140	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
	2020	8.2	7.2	3	11	79	Complying
	2021	8	7.5	3.2	7.8	23	Non Complying
	2022	8.6	7.1	2.6	1.8(BDL)	46	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
	2020	7.6	6.8	4.2	11	70	Non Complying
	2021	8.2	7	3.2	4.5	23	Non Complying
	2022	7.5	7.5	2.6	22	63	Complying
December	2017	8.3	7.2	3	7.8	25	Complying
	2018	7.7	6.9	3	22	130	Complying
	2019	7.5	6.9	4.0	2	<1.8	Non Complying
	2020	7.5	7	4	7.8	70	Non Complying
	2021	8.3	7	3.2	12	110	Non Complying
	2022	6.6	7.5	2.6	17	170	Complying