

Polluted River Stretch Priority-V (Bhatsa River, State - Maharashtra) <u>Latest Water Quality As per Assessment Targeted (Characteristics of River)</u>							
2653 - Bhatsa River at D/s of Liberty Oil Mills, Village- Satne, Taluka- Shahapur, District- Thane.							
Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality
January	2017	7.2	6.9	3.0	79	140	Complying
	2018	8.2	7.1	3	17	31	Complying
	2019	6.8	7.3	3	17	79	Complying
	2020	7.4	7.3	3	17	540	Complying
	2021	7.1	7.4	3.4	22	130	Non Complying
	2022	7.6	7.2	3.2	17	33	Non Complying
	2023	7.8	7.5	2.6	34	130	Complying
February	2017	6.9	7.1	3.0	7	40	Complying
	2018	8.1	7	3	7.9	21	Complying
	2019	7.6	7.4	3	22	79	Complying
	2020	7.9	7.6	3.2	2	40	Non Complying
	2021	7.6	7.2	3.2	21	79	Non Complying
	2022	7.1	6.8	4	17	33	Non Complying
	2023	8	7	3	7.8	43	Complying
March	2017	8	5.4	6	23	58	Non Complying
	2018	7.9	6.5	3	9.3	49	Complying
	2019	8.1	7.3	3	26	84	Complying
	2020	7.7	7.5	3.4	<1.8	17	Non Complying
	2021	7.4	7	3.6	23	79	Non Complying
	2022	7.8	6.8	4	17	33	Non Complying
	2023	8.2	6.7	2.6	6.8	46	Complying
April	2017	7.7	6.5	3.0	49	130	Complying
	2018	7.6	6.2	4	9.2	94	Non Complying
	2019	7.8	7.1	3	22	79	Complying
	2020	7.5	6.2	3	4.5	27	Complying
	2021	7.8	7.3	3.4	17	79	Non Complying
	2022	7.8	7.3	4	17	33	Non Complying
	2023	8.7	5.3	3	6.8	70	Complying
May	2017	7.5	6.7	3.0	17	79	Complying
	2018						Dry
	2019	8.1	7.4	3	22	79	Complying
	2020	7.9	6.6	3.2	13	70	Non Complying
	2021	7.6	6.9	3	4.5	23	Complying
	2022	7.8	7.2	3.6	22	130	Non Complying
	2023	8.8	6.9	2.6	7.8	49	Complying
June	2017	7.7	7	3.2	27	140	Non Complying
	2018	7.9	7	3.2	4	26	Non Complying
	2019	8.7	7	3	46	280	Complying
	2020	7.8	6.5	3.2	17	94	Non Complying
	2021	7.3	7.6	3.8	2	22	Non Complying
	2022	7.4	7.1	3	4.5	23	Complying
	2023	7.5	6.6		17	70	

July	2017	7.4	6	5.0	33	94	Non Complying
	2018	7.5	6.8	3.5	22	70	Non Complying
	2019	6.5	7.3	3	11	130	Complying
	2020	7.2	7.1	3	17	63	Complying
	2021	7.8	7.5	3.4	4.5	22	Non Complying
	2022	8.3	7.4	3	7.8	23	Complying
	2023	8.2	6.8	2.2	6.8	70	Complying
August	2017	8.1	7.2	3	26	94	Complying
	2018	7.6	6.9	3.5	22	70	Non Complying
	2019	7	7.2	3	27	79	Complying
	2020	8	7.2	3	17	110	Complying
	2021	7.6	7	4	2	27	Non Complying
	2022	7.8	7.2	2.8	17	48	Complying
	2023	8.2	6.4	2.2	7.8	94	Complying
September	2017	6.5	7.20	3.4	17	84	Non Complying
	2018	7.1	7	3	27	94	Complying
	2019	7.7	7.3	3	220	430	Complying
	2020	7.8	6.8	3.2	13	110	Non Complying
	2021	7.7	7.2	3.6	4.5	23	Non Complying
	2022	7.5	7	3	17	63	Complying
	2023	8.1	6.9	3.5	2	46	Non Complying
October	2017	7.4	6.9	3.0	34	130	Complying
	2018	7.8	7.1	3	13	63	Complying
	2019	7.4	7.2	4	70	350	Non Complying
	2020	7.9	7.2	3	11	350	Complying
	2021	7.7	5.8	4	21	70	Non Complying
	2022	8.2	7.2	2.8	17	63	Complying
	2023	8.2	7	1(BDL)	23	70	Complying
November	2017	7.7	7.00	3.4	31	84	Non Complying
	2018	7.3	7	3	22	70	Complying
	2019	7.3	6.9	4	34	920	Non Complying
	2020	7.7	7	4	9.2	220	Non Complying
	2021	8	7	3.2	4.5	23	Non Complying
	2022	7.9	7.5	2.6	22	79	Complying
	2023	7.8	6.9	1(BDL)	17	46	Complying
December	2017	7.5	7.3	3.0	8	23	Complying
	2018	7.4	6.9	3	21	70	Complying
	2019	7.3	6.9	4	13	23	Non Complying
	2020	7.1	7.1	3.6	17	140	Non Complying
	2021	7.8	7	3.2	17	70	Non Complying
	2022	7.2	7.5	2.6	13	79	Complying
	2023	7.8	6.8	4	9.3	70	Non Complying

2654 - Bhatsa River at U/s of Liberty Oil Mills, Village- Satne, Taluka- Shahapur, District- Thane.

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality
January	2017	7.0	6.7	3.0	17	33	Complying
	2018	8.5	7.2	3	17	31	Complying
	2019	7.3	7.1	3	21	84	Complying
	2020	7.5	7.4	3	23	540	Complying
	2021	7	7.4	3.4	17	79	Non Complying
	2022	7.6	7.5	3	17	33	Complying
	2023	7.8	7.5	2.8	22	110	Complying
February	2017	7	7	3.0	9	42	Complying
	2018	8.1	7	3.2	7.8	22	Non Complying
	2019	7.7	7.5	3	21	70	Complying
	2020	7.6	7.6	3.2	2	40	Non Complying
	2021	7.7	7.3	3.2	13	79	Non Complying
	2022	8	7	3	17	33	Complying
	2023	7.9	7	3	7.8	47	Complying
March	2017	8.3	6.4	4	12	31	Non Complying
	2018	8.4	6.8	3	7.8	79	Complying
	2019	8.2	7.6	3	21	63	Complying
	2020	7.7	7.7	3.2	<1.8	17	Non Complying
	2021	7.4	7.1	3.6	17	41	Non Complying
	2022	7.7	6.8	4	17	33	Non Complying
	2023	8	7	2.8	6.8	47	Complying
April	2017	7.8	6.6	3.0	70	170	Complying
	2018	8.5	6.8	3.8	12	94	Non Complying
	2019	8.1	7	3	21	70	Complying
	2020	7.6	6.5	2.8	4.5	27	Complying
	2021	7.9	7.4	3.4	21	94	Non Complying
	2022	7.7	7.3	4	17	33	Non Complying
	2023	8.8	5.3	3	4.5	70	Complying
May	2017	7.6	7.7	3.0	32	140	Complying
	2018						Dry
	2019	7.9	7.4	3	21	70	Complying
	2020	7.9	7	2.8	17	70	Complying
	2021	7.5	6.8	3.4	7.8	23	Non Complying
	2022	7.8	6.8	5	13	79	Non Complying
	2023	8.6	7	2.4	1.8(BDL)	7.8	Complying
June	2017	7.8	7.3	3.0	23	170	Complying
	2018	7.8	7.1	3	4	26	Complying
	2019	8.5	7.3	3	<1.8	220	Complying
	2020	7.9	7	3	21	94	Complying
	2021	7.3	7.4	3.8	2	17	Non Complying
	2022	7.6	7.1	3	17	34	Complying
	2023	7.4	6.5		17	63	

July	2017	7.5	6.50	4.0	70	120	Non Complying
	2018	7.6	6.9	3.5	26	94	Non Complying
	2019	6.6	7.2	3	4.5	220	Complying
	2020	7	7.2	2.8	17	84	Complying
	2021	7.7	7.2	3.8	4.5	23	Non Complying
	2022	8.2	7.5	2.8	4.5	23	Complying
	2023	8.1	6.8	2.2	4.5	17	Complying
August	2017	8	7.2	3.2	26	94	Non Complying
	2018	7.7	6.2	4.5	26	94	Non Complying
	2019	7	7.2	3	110	170	Complying
	2020	7.8	7.3	2.8	23	140	Complying
	2021	7.6	7	4	2	23	Non Complying
	2022	8.1	7	3	17	46	Complying
	2023	8.1	6.4	2.2	4.5	70	Complying
September	2017	6.5	7.60	3.2	21	96	Non Complying
	2018	6.9	7	3	23	110	Complying
	2019	7.7	7.2	3	220	920	Complying
	2020	7.7	6.9	3	33	170	Complying
	2021	7.7	7.3	3.8	4.5	22	Non Complying
	2022	7.4	6.9	3	17	70	Complying
	2023	8.2	6.9	3.5	4	33	Non Complying
October	2017	7.5	7	3.2	23	110	Non Complying
	2018	7.6	7.2	3	4	46	Complying
	2019	7.5	7.2	4	170	350	Non Complying
	2020	8.1	7.1	3.2	22	280	Non Complying
	2021	7.6	7.3	3.4	17	63	Non Complying
	2022	7.9	7.5	2.6	11	58	Complying
	2023	7.9	7	1(BDL)	17	49	Complying
November	2017	7.6	7.20	3.2	23	84	Non Complying
	2018	7.4	7	3	21	63	Complying
	2019	7.5	7.3	3	17	220	Complying
	2020	8	7.2	3.8	9.2	170	Non Complying
	2021	8.2	6.8	3.2	4.5	23	Non Complying
	2022	8.2	7.5	2.6	22	79	Complying
	2023	7.8	6.9	1(BDL)	17	47	Complying
December	2017	7.6	7.1	3	8	23	Complying
	2018	7.4	7	3	26	63	Complying
	2019	7.2	7.4	3	7.8	34	Complying
	2020	7.1	7.3	3	4.5	79	Complying
	2021	7.9	6.9	3	21	63	Complying
	2022	8.2	7.5	2.8	14	79	Complying
	2023	7.7	6.8	4	17	94	Non Complying

1461 - Bhatsa River at D/s of Pise Dam, Village- Pise, Taluka- Bhiwandi, District- Thane.

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality
January	2017	7.9	7.5	3.0	4.0	14.0	Complying
	2018	8.7	7.0	3.2	7.8	49	Non Complying
	2019	8.4	6.8	3.0	33	94	Complying
	2020	7.5	7.3	3	33	240	Complying
	2021	6.7	7.4	3.4	23	110	Non Complying
	2022	7.7	7.4	3	26	110	Complying
	2023	7.9	7.5	2.6	4.5	23	Complying
February	2017	7.9	7.5	3.6	7.8	43	Non Complying
	2018	8.5	7.4	3.0	7.8	25	Complying
	2019	7.3	7.5	3.0	26	63	Complying
	2020	7.8	6.8	3.4	4.5	7.8	Non Complying
	2021	8.1	7.2	3.2	17	63	Non Complying
	2022	8.1	6.9	4	26	110	Non Complying
	2023	7.5	7	4.4	2	32	Non Complying
March	2017	8.3	6.3	3.2	2	8.3	Non Complying
	2018	7.5	6.5	4.0	7	21	Non Complying
	2019	7.2	7.0	4.0	13	47	Non Complying
	2020	7.4	7.4	3.2	21	140	Non Complying
	2021	8	7.4	3.4	27	220	Non Complying
	2022	7.9	6.8	4	26	110	Non Complying
	2023	8.2	6.7	2.8	7.8	70	Complying
April	2017	7.6	7.5	3	22.0	110	Complying
	2018	7.2	7.2	3.2	4.5	25	Non Complying
	2019	8.0	7.0	3.0	26	63	Complying
	2020	7.8	6.5	2.8	4.5	26	Complying
	2021	7.8	6.7	4	11	46	Non Complying
	2022	7.7	7.4	3.6	26	110	Non Complying
	2023	8.1	5.9	2.8	2	22	Complying
May	2017	7.5	6.6	3.0	14.0	47.0	Complying
	2018	8.6	6.4	3.2	6.8	31	Non Complying
	2019	7.4	7.5	3.0	26	63	Complying
	2020	8.1	7.2	2.8	22	94	Complying
	2021	8.3	7.3	3	4.5	22	Complying
	2022	8	7.4	1.6	26	170	Complying
	2023	8.3	7	2.4	1.8(BDL)	23	Complying
June	2017	7.3	6.8	3.4	27.0	130	Non Complying
	2018	7.7	6.8	4.0	2	17	Non Complying
	2019	6.9	7.0	3.0	1.8	130	Complying
	2020	7.7	6.3	3.4	26	140	Non Complying
	2021	7.4	7.4	3.6	4.5	22	Non Complying
	2022	7.3	7	4	1.8(BDL)	7.8	Non Complying
	2023	8.2	6.6		4.5	23	

July	2017	7.7	6.7	3.4	22.0	70.0	Non Complying
	2018	7.5	7.2	3.0	22	79	Complying
	2019	7.9	7.4	3.0	70	220	Complying
	2020	7	6.7	3.2	33	110	Non Complying
	2021	7.4	7.3	3.6	4.5	22	Non Complying
	2022	7.9	7.6	2.8	6.8	33	Complying
	2023	7.8	6.8	2.4	4.5	23	Complying
August	2017	6.7	7	3.2	21.0	110	Non Complying
	2018	7.7	7.0	3.0	21	47	Complying
	2019	7.4	6.8	3.0	20	540	Complying
	2020	8.1	6.8	3	21	94	Complying
	2021	7.3	7.2	3.8	4.5	22	Non Complying
	2022	7.4	6.8	2.6	17	79	Complying
	2023	8	6.2	2.2	6.8	70	Complying
September	2017	6.9	7.1	3.2	13.0	40.0	Non Complying
	2018	7.5	7.3	3.0	2	350	Complying
	2019	7.7	7.4	3.0	210	1600	Complying
	2020	8.1	7	3	21	70	Complying
	2021	7.7	7.5	3.4	4.5	23	Non Complying
	2022	7.4	7.1	3	17	70	Complying
	2023	8	6.9	3.5	1.8(BDL)	110	Non Complying
October	2017	7.7	6.5	3.2	26.0	120	Non Complying
	2018	8.1	6.8	3.0	27	130	Complying
	2019	7.5	7.1	4.0	210	1600	Non Complying
	2020	8.2	7.1	3.2	130	280	Non Complying
	2021	8.1	7	3.4	23	110	Non Complying
	2022	7.8	7.5	2.6	7.8	49	Complying
	2023	8	7	1(BDL)	7.8	79	Complying
November	2017	7.5	7.3	3.2	23.0	79.0	Non Complying
	2018	7	7	3	13	47	Complying
	2019	7.4	7	3	170	920	Complying
	2020	7.7	7.2	3	94	220	Complying
	2021	7.6	7.2	3.4	23	110	Non Complying
	2022	7.5	7.5	2.6	23	84	Complying
	2023	7.6	7	1(BDL)	1.8(BDL)	23	Complying
December	2017	7.4	6.2	3	7.8	25	Complying
	2018	7.8	7	3	23	63	Complying
	2019	7.5	7.2	3	11	24	Complying
	2020	6.8	7.2	3	11	130	Complying
	2021	7.7	6.8	3.2	17	94	Non Complying
	2022	6.4	7.5	2.8	11	46	Complying
	2023	7.7	6.9	3.5	1.8(BDL)	33	Non Complying