

**Polluted River Stretch Priority-III
(Patalganga River, State - Maharashtra)**

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

1151 - Patalganga River at Shilphata bridge, Village - Khopoli, Taluka - Khalapur, District - Raigad.

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
January	2017	7.6	7.3	3	7.8	24	Complying
	2018	6.8	6	3	22	70	Complying
	2019	7.5	7.1	3	17	79	Complying
	2020	7.3	7.2	4	110	920	Non Complying
	2021	7.9	7.2	3.2	22	110	Non Complying
February	2017	7.5	6	4	7.8	39	Non Complying
	2018	7.5	7.5	3	12	70	Complying
	2019	7.2	7	3	23	170	Complying
	2020	7.4	6.2	4	79	250	Non Complying
March	2017	6.7	7.3	3	17	32	Complying
	2018	8	6	4	17	120	Non Complying
	2019	7.2	7	3.6	32	94	Non Complying
	2020	8	6.5	4	49	120	Non Complying
April	2017	7.7	6.7	3.2	26	170	Non Complying
	2018	7.6	6.5	4	17	34	Non Complying
	2019	6.5	6.7	4	23	70	Non Complying
	2020	8.1	6.8	2.4	17	31	Complying
May	2017	7.5	7.1	3	21	84	Complying
	2018	7.6	6	4	12	94	Non Complying
	2019	7.4	6.6	4	23	70	Non Complying
	2020	7.6	6.7	3	7.8	26	Complying
June	2017	7.2	6	4	32	94	Non Complying
	2018	7.9	7.1	3.2	8.2	94	Non Complying
	2019	7.1	6.2	3	9.3	540	Complying
	2020	8.1	6.5	3.4	13	49	Non Complying
July	2017	7	6.4	3	22	70	Complying
	2018	7.0	7.1	3	22	94	Complying
	2019	6.6	6.5	4	17	540	Non Complying
	2020	7	6.6	3	13	46	Complying
August	2017	6.7	6.9	3.6	21	79	Non Complying
	2018	7.5	6.9	3	33	79	Complying
	2019	7.4	6.5	4	9.3	540	Non Complying
	2020	7.7	6.8	3.6	17	70	Non Complying
September	2017	7.3	6.1	3.9	31	93	Non Complying
	2018	7.4	6.7	3.5	21	46	Non Complying
	2019	7.7	7.2	3	220	430	Complying
	2020	7	4.9	6	12	46	Non Complying
October	2017	7	7	3.2	26	94	Non Complying
	2018	7.1	6.9	3	17	70	Complying
	2019	7.5	7.2	3	33	540	Complying
	2020	7.6	7.2	3.8	14	170	Non Complying
November	2017	7.4	7.3	3.2	23	84	Non Complying
	2018	6.7	6.5	3.5	23	70	Non Complying
	2019	7.6	7.3	3.0	33	170	Complying
	2020	7.5	7.3	3	11	130	Complying
December	2017	7	6.6	3	22	94	Complying
	2018	7	6.2	4	23	110	Non Complying
	2019	7.2	7.1	3	49	240	Complying
	2020	6.7	6.1	5	7.8	110	Non Complying
1462 - Patalganga River near intake of MIDC water works (Turade w/w). Village- Turade, Taluka- Khalapur, District- Raigad.							
Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
	2017	7.1	6.2	3.8	46	94	Non Complying

January	2018	6.6	6.5	3	7.8	33	Complying
	2019	7.2	6.9	3	17	49	Complying
	2020	7.3	7	4	170	540	Non Complying
	2021	7.8	6.9	3.6	70	280	Non Complying
February	2017	8.3	6.1	4	23	58	Non Complying
	2018	7.2	6.4	3	6.8	34	Complying
	2019	7.2	6.8	3	31	84	Complying
	2020	7.5	6.1	4	140	540	Non Complying
March	20199	6.6	6.2	3.4	23	63	Non Complying
	2018	7.6	6.5	4	4	32	Non Complying
	2019	7.2	7.1	3.4	9.3	34	Non Complying
	2020	7.6	6.8	3.8	11	540	Non Complying
April	2017	7.6	6.9	3	26	140	Complying
	2018	7.2	6.3	4	7.8	23	Non Complying
	2019	6.5	6.8	4	31	84	Non Complying
	2020	8.2	7.2	2.4	17	33	Complying
May	2017	6.9	6.1	3	26	63	Complying
	2018	7.5	6.1	3.8	4	46	Non Complying
	2019	7.2	6.4	4	31	84	Non Complying
	2020	8.1	6.2	3.4	<1.8	23	Non Complying
June	2017	7	6.2	3.2	21	70	Non Complying
	2018	7.1	6.5	4	4	39	Non Complying
	2019	7	6.9	3	23	920	Complying
	2020	8.1	6.7	3.2	<1.8	34	Complying
July	2017	6.9	6.6	3	33	79	Complying
	2018	7.1	6.3	4.4	22	79	Non Complying
	2019	6.6	7.2	3	38	1600	Complying
	2020	7.3	6.8	3	<1.8	46	Complying
August	2017	6.8	7.2	3.4	22	94	Non Complying
	2018	7.2	6.5	3.5	26	94	Non Complying
	2019	7.3	6.6	4	21	540	Non Complying
	2020	7.5	6.7	3	<1.8	49	Complying
September	2017	8	6.4	3.3	22	72	Non Complying
	2018	7.4	6	4	17	70	Non Complying
	2019	7.6	6.6	3	79	920	Complying
	2020	7.6	7.1	3	11	33	Complying
October	2017	7.2	7.2	3.6	17	49	Non Complying
	2018	7.4	6.8	3	6.1	39	Complying
	2019	7.5	7	3	110	920	Complying
	2020	7.6	7.3	3	11	130	Complying
November	2017	7.2	6.8	3.4	26	94	Non Complying
	2018	6.6	6.5	3.5	21	63	Non Complying
	2019	7.7	7.2	3.0	<1.8	40	Complying
	2020	7.4	7.2	3	9.2	110	Complying
December	2017	6.7	7.1	3.2	17	33	Non Complying
	2018	7.1	6.7	3.5	11	27	Non Complying
	2019	7.1	6.8	4	350	350	Non Complying
	2020	6.8	6.9	4	4.5	79	Non Complying

2685 - Patalganga River at D/s of Kharpada bridge , Village- Kharpada, Taluka- Khalapur, District- Raigad.

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
January	2017	7	7	3.4	49	110	Non Complying
	2018	6.8	3.2	20	79	220	Non Complying
	2019	8.5	4.5	11	33	84	Non Complying
	2020	7	6	5	34	240	Non Complying
	2021	7.6	6.8	3.6	17	70	Non Complying
February	2017	7.3	6	4	94	120	Non Complying
	2018	7	2.8	12	25	120	Non Complying
	2019	6.7	7	3.2	26	70	Non Complying
	2020	7.2	6.1	4	110	430	Non Complying

March	2017	6.1	4.8	6	49	110	Non Complying
	2018	6.5	3.3	17	7.8	63	Non Complying
	2019	6.9	6.2	4	21	63	Non Complying
	2020	7.5	6.4	4	11	240	Non Complying
April	2017	7	6.5	3.6	13	79	Non Complying
	2018	7	5.9	5	26	120	Non Complying
	2019	6.5	6.5	4	26	70	Non Complying
	2020	7.2	4.2	12	2	2	Non Complying
May	2017	6.7	6.0	4	79	240	Non Complying
	2018	7.7	5.1	6	17	94	Non Complying
	2019	7	6.6	4	26	70	Non Complying
	2020	6.8	5.1	10	17	46	Non Complying
June	2017	7.6	4.4	11	17	79	Non Complying
	2018	6.9	4.1	6	58	280	Non Complying
	2019	6.9	6.9	4	17	110	Non Complying
	2020	7.5	5.9	4	<1.8	46	Non Complying
July	2017	6.6	6.7	3	26	94	Complying
	2018	7.1	6.8	3.5	23	94	Non Complying
	2019	6.6	6.7	3	34	240	Complying
	2020	7	5	8	17	46	Non Complying
August	2017	6.9	4.6	7	26	110	Non Complying
	2018	7.2	6.9	3	23	170	Complying
	2019	7.4	6.9	3	17	60	Complying
	2020	7.2	6.2	3.6	13	46	Non Complying
September	2017	7.7	4.5	10	16	80	Non Complying
	2018	7.3	6.3	4	21	94	Non Complying
	2019	7.5	6.9	4	21	110	Non Complying
	2020	7.1	6.3	4	14	39	Non Complying
October	2017	7.1	7	3.2	23	94	Non Complying
	2018	7.3	6.5	3.5	13	79	Non Complying
	2019	7.5	7.2	4.0	33	79	Non Complying
	2020	7.5	7.2	3.4	7.8	220	Non Complying
November	2017	7.5	3.8	15	33	130	Non Complying
	2018	6.6	6.5	3.5	23	79	Non Complying
	2019	7.5	7	4.0	22	48	Non Complying
	2020	7.4	7.3	2.8	4.5	170	Complying
December	2017	6.3	3.3	12	23	120	Non Complying
	2018	6.5	4.9	10	17	49	Non Complying
	2019	7.0	7.2	4	22	79	Non Complying
	2020	6.7	6.9	4.2	4.5	110	Non Complying
2686 - Patalganga River at Vyal Pump house, Village- Vyal, Taluka- Khalapur, District- Raigad.							
Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
January	2017	7.1	6.6	3.6	7.8	22	Non Complying
	2018	6.6	6.4	3	17	33	Complying
	2019	7.3	6.5	3.5	7.8	23	Non Complying
	2020	7.2	7.4	3	110	540	Complying
	2021	7	5.1	7.4	22	140	Non Complying
February	2017	7	6.2	4	13	40	Non Complying
	2018	7.4	6.8	3.2	7.8	38	Non Complying
	2019	7.2	6.9	4	13	47	Non Complying
	2020	7.3	6	4.2	21	70	Non Complying
March	2017	6.6	6.9	3	11	24	Complying
	2018	7.7	7.2	3.2	7.8	23	Non Complying
	2019	7	7	3.4	13	47	Non Complying
	2020	7.2	6.5	4	<1.8	540	Non Complying
April	2017	7.4	5.6	5	22	110	Non Complying
	2018	7.3	6.2	4	12	79	Non Complying
	2019	6.6	6.2	4	13	47	Non Complying
	2020	8.2	6.7	2.6	<1.8	13	Complying
2017	7	6.2	3.4	13	33	Non Complying	

May	2018	7.5	6	4	2	23	Non Complying
	2019	7.4	7.4	3	13	47	Complying
	2020	8.2	6.8	3	4.5	21	Complying
June	2017	6.8	7	3.8	23	110	Non Complying
	2018	8.3	6	4	4	27	Non Complying
	2019	7	6.4	4	17	540	Non Complying
	2020	8.1	7.6	2.8	7.8	70	Complying
July	2017	7	6.7	3	26	70	Complying
	2018	7.0	6.9	3.5	17	49	Non Complying
	2019	6.5	7.2	3	17	540	Complying
	2020	7.1	6.6	3	< 1.8	23	Complying
August	2017	6.8	7.3	3.6	21	79	Non Complying
	2018	7.1	6.9	3	17	32	Complying
	2019	7.4	6.8	3	20	110	Complying
	2020	7.2	6.6	3	6.8	70	Complying
September	2017	6.7	6	3.7	24	109	Non Complying
	2018	7.4	6.5	3.5	7.8	23	Non Complying
	2019	7.7	6.8	3	220	540	Complying
	2020	7.4	6.5	4	6.8	43	Non Complying
October	2017	7.1	6.9	3.6	17	63	Non Complying
	2018	7.6	7.1	3.5	6.8	26	Non Complying
	2019	7.6	7.3	3.0	33	49	Complying
	2020	7.6	7	3.8	7.8	130	Non Complying
November	2017	7.3	6.8	3.6	21	84	Non Complying
	2018	6.6	6.5	3.5	21	63	Non Complying
	2019	7.5	7.2	4.0	33	280	Non Complying
	2020	7.4	7.3	3	4.5	110	Complying
December	2017	6.7	7.2	3	17	33	Complying
	2018	7.6	6.9	3	17	46	Complying
	2019	7.5	6.9	4	110	350	Non Complying
	2020	6.9	7	4	6.1	79	Non Complying

2687 - Patalganga River at Khalapur pumping station, Village- Khalapur, Taluka- Khalapur, District- Raigad.

Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
January	2017	7.3	6.9	3.2	17	34	Non Complying
	2018	6.7	6.2	3	17	84	Complying
	2019	7.4	6.9	3	13	47	Complying
	2020	7.1	7.3	3	140	920	Complying
	2021	6.9	5	7.4	21	220	Non Complying
February	2017	7	6	4	9.2	51	Non Complying
	2018	6.9	7.5	3	25	120	Complying
	2019	7.2	7.3	3	17	46	Complying
	2020	7.2	6	4.2	2	540	Non Complying
March	2017	6.8	6.9	3.2	25	38	Non Complying
	2018	7.8	6.5	4	10	33	Non Complying
	2019	7	7.1	3.2	17	70	Non Complying
	2020	7.2	6.7	3.8	94	540	Non Complying
April	2017	7.7	7.4	3	27	130	Complying
	2018	7.5	6.4	4	21	120	Non Complying
	2019	6.6	6.5	4	17	46	Non Complying
	2020	8.1	7.2	2.4	<1.8	17	Complying
May	2017	7.3	7.2	3	21	70	Complying
	2018	7.4	6	3.8	4	17	Non Complying
	2019	7.1	7.3	3	17	46	Complying
	2020	8.2	6.5	3.2	11	33	Non Complying
June	2017	7.1	6.4	4	17	79	Non Complying
	2018	8.1	6.2	4	4	41	Non Complying
	2019	6.8	6.1	4	26	350	Non Complying
	2020	8.2	6.3	3.4	4.5	46	Non Complying
July	2017	7	6.5	3	22	130	Complying
	2018	7.0	6.8	3.5	38	130	Non Complying
	2019	6.5	6.7	3	26	540	Complying

	2020	7.1	7.1	3	< 1.8	33	Complying
August	2017	6.7	7.4	3.2	27	94	Non Complying
	2018	7.7	6.8	3.5	33	130	Non Complying
	2019	7.4	6.6	4	9.1	39	Non Complying
	2020	7.2	6.2	3.4	14	47	Non Complying
September	2017	7.1	6.3	4	16	78	Non Complying
	2018	7.4	6.7	3.5	21	79	Non Complying
	2019	7.7	6.6	3	240	920	Complying
	2020	7.3	6.5	4	4.5	33	Non Complying
October	2017	7	6.9	3.4	26	110	Non Complying
	2018	7.5	7.1	3	13	49	Complying
	2019	7.5	7.3	3	240	920	Complying
	2020	8.2	6.8	4	110	350	Non Complying
November	2017	7.5	6.9	3.4	21	63	Non Complying
	2018	6.7	6.9	3	23	94	Complying
	2019	7.4	7	4	33	70	Non Complying
	2020	7.4	7.2	2.8	94	280	Complying
December	2017	6.9	7	3.2	27	79	Non Complying
	2018	7.3	6.3	4	21	70	Non Complying
	2019	7.3	7.3	3	140	540	Complying
	2020	7	6.8	4.8	4	130	Non Complying
2688 - Patalganga River at Savroli bridge, Village- Savroli, Taluka - Khalapur, District - Raigad.							
Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
January	2017	7.2	7.5	3.2	93	120	Non Complying
	2018	6.6	6.4	4	33	110	Non Complying
	2019	7.3	7.1	3	33	140	Complying
	2020	7.2	7.4	3	540	1600	Complying
	2021	7	5	7.4	27	280	Non Complying
February	2017	7	6.1	4	49	150	Non Complying
	2018	7.2	7	3	17	150	Complying
	2019	7.2	7.4	4	33	79	Non Complying
	2020	7.2	5.8	4.4	13	40	Non Complying
March	2017	6.6	6.6	4	110	170	Non Complying
	2018	7.9	6.3	4	26	150	Non Complying
	2019	7	7.1	3.4	26	94	Non Complying
	2020	7.1	6	4.2	2	34	Non Complying
April	2017	7.5	6.8	3.2	110	280	Non Complying
	2018	7.4	6.8	3.6	31	120	Non Complying
	2019	6.6	6.8	4	27	79	Non Complying
	2020	7.8	6.5	2.8	<1.8	17	Complying
May	2017	7.2	6.9	3	79	280	Complying
	2018	7.6	5.9	5	3.7	70	Non Complying
	2019	7.2	7.2	3	33	79	Complying
	2020	8.1	7.1	2.8	13	41	Complying
June	2017	7	6.5	4	110	280	Non Complying
	2018	8.2	6.6	3.8	70	540	Non Complying
	2019	6.9	6.8	4	2	350	Non Complying
	2020	8.2	6.4	3.4	11	79	Non Complying
July	2017	7	6.7	3	22	94	Complying
	2018	7.0	6.2	4	23	94	Non Complying
	2019	6.5	6.5	4	17	170	Non Complying
	2020	7.1	7	2.8	17	79	Complying
August	2017	6.7	7.3	3.4	17	49	Non Complying
	2018	7.2	7	3	26	120	Complying
	2019	7.3	6.4	4	2	220	Non Complying
	2020	7.2	6.5	3	2	34	Complying
September	2017	8	6.4	4	109	279	Non Complying
	2018	7.8	6.5	4	23	110	Non Complying
	2019	7.8	6.4	3	33	130	Complying
	2020	7.4	6.6	3.8	4.5	39	Non Complying

October	2017	7	7.2	3.4	32	94	Non Complying
	2018	7.6	6.9	3	21	94	Complying
	2019	7.6	7.1	4	220	540	Non Complying
	2020	7.8	7.2	3	49	240	Complying
November	2017	7.3	7.3	3.2	32	94	Non Complying
	2018	6.7	6.6	3.5	13	79	Non Complying
	2019	7.3	7.3	3.0	94	220	Complying
	2020	7.3	7.4	3	33	110	Complying
December	2017	6.8	5.8	4	17	120	Non Complying
	2018	7.3	5.5	6	23	79	Non Complying
	2019	7.3	7	3	540	1600	Complying
	2020	7	6.7	5	6.1	110	Non Complying
2689 - Patalganga River at Gagangiri Maharaj Temple, Village- Khopoli, Taluka- Khalapur, District- Raigad.							
Month	Year	pH	DO (mg/L)	BOD (mg/L)	FC MPN /100ml	TC MPN /100ml	Water Quality Criteria of Bathing
January	2017	7.9	7.2	3	14	46	Complying
	2018	7.5	5.8	3	17	79	Complying
	2019	7.7	6.8	3	17	79	Complying
	2020	7.2	7.1	4	220	920	Non Complying
	2021	7.5	7.4	3.4	70	350	Non Complying
February	2017	7.9	6.3	4	13	48	Non Complying
	2018	7.5	7	3.8	9.1	43	Non Complying
	2019	7.3	6.7	4	32	94	Non Complying
	2020	7	5.8	4.4	23	240	Non Complying
March	2017	6.5	6.7	3.6	2	8.1	Non Complying
	2018	7.8	6.2	3.8	12	79	Non Complying
	2019	6.8	7	3.2	21	84	Non Complying
	2020	7.2	6.4	4.0	21	220	Non Complying
April	2017	8	6.8	3	6.8	21	Complying
	2018	8	6.1	4	4.5	21	Non Complying
	2019	6.7	6.5	4	32	94	Non Complying
	2020	7.6	6.4	2.8	<1.8	17	Complying
May	2017	8.0	6.9	3	32	94	Complying
	2018	7.7	6.3	4	6.1	63	Non Complying
	2019	7.2	7.2	3	32	94	Complying
	2020	7	5.9	4	11	33	Non Complying
June	2017	7.2	5.4	3.8	33	110	Non Complying
	2018	7.9	7.2	3	4	70	Complying
	2019	6.8	6	4	110	110	Non Complying
	2020	8.1	6.9	3	17	70	Complying
July	2017	7.3	6.8	3	34	130	Complying
	2018	7.3	7.2	3	31	110	Complying
	2019	6.5	7.1	3	27	540	Complying
	2020	6.9	7	2.8	<1.8	33	Complying
August	2017	6.74	6.8	4	274	540	Non Complying
	2018	7.7	6.6	4	33	110	Non Complying
	2019	7.4	6.8	3	14	920	Complying
	2020	7.2	6.5	3	17	79	Complying
September	2017	7.3	5.5	3.9	31	112	Non Complying
	2018	7.5	6.6	3.5	17	55	Non Complying
	2019	7.8	6.9	4	22	540	Non Complying
	2020	7.5	7	3	7.8	70	Complying
October	2017	7.3	7.2	3.4	23	84	Non Complying
	2018	7.3	6.9	3	17	63	Complying
	2019	7.7	7.2	3	110	540	Complying
	2020	7.6	6.9	4	79	540	Non Complying
November	2017	7.4	6.9	3.6	26	94	Non Complying
	2018	6.8	6.9	3	17	49	Complying
	2019	7.4	7.2	3	4.5	39	Complying
	2020	7.3	7.4	2.8	46	540	Complying
	2017	7.4	5	3	23	84	Complying

December	2018	7	7	3	23	79	Complying
	2019	7.2	6.9	3	33	33	Complying
	2020	7	6.9	4	33	240	Non Complying