

**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	7.3	7.6	3	7.8	24	Complying
	2018	6.8	6	3	22	70	Complying
February	2017	7.5	6	4	7.8	39	Non Complying
	2018	7.5	7.5	3	12	70	Complying
March	2017	6.7	7.3	3	17	32	Complying
	2018	8	6	4	17	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
May	2017	7.5	7.1	3	21	84	Complying
	2018	7.6	6	4	12	94	Non Complying
June	2017	7.2	6	4	32	94	Non Complying
	2018	7.9	7.1	3.2	8.2	94	Non Complying
July	2017	7	6.4	3	22	70	Complying
	2018	7.0	7.1	3.0	22	94	Complying
August	2017	6.7	6.9	3.6	21	79	Non Complying
	2018	7.5	6.9	3	33	79	Complying
September	2017	7.3	6.1	3.9	31	93	Non Complying
	2018	7.4	6.7	3.5	21	46	Non Complying
October	2017	7	7	3.2	26	94	Non Complying
	2018	7.1	6.9	3	17	70	Complying
November	2017	7.4	7.3	3.2	23	84	Non Complying
	2018	6.7	6.5	3.5	23	70	Non Complying
December	2017	7	6.6	3	22	94	Complying
	2018	7	6.2	4	23	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
January	2017	6.2	7.1	3.8	46	94	Non Complying
	2018	6.6	6.5	3	7.8	33	Complying
February	2017	8.3	6.1	4	23	58	Non Complying
	2018	7.2	6.4	3	6.8	34	Complying
March	2017	6.6	6.2	3.4	23	63	Non Complying
	2018	7.6	6.5	4	4	32	Non Complying
April	2017	7.6	6.9	3	26	140	Complying
	2018	7.2	6.3	4	7.8	23	Non Complying
May	2017	6.9	6.1	3	26	63	Complying
	2018	7.5	6.1	3.8	4	46	Non Complying
June	2017	7	6.2	3.2	21	70	Non Complying
	2018	7.1	6.5	4	4	39	Non Complying
July	2017	6.9	6.6	3	33	79	Complying
	2018	7.1	6.3	4.4	22	79	Non Complying
August	2017	6.8	7.2	3.4	22	94	Non Complying
	2018	7.2	6.5	3.5	26	94	Non Complying
September	2017	8	6.4	3.3	22	72	Non Complying
	2018	7.4	6	4	17	70	Non Complying
October	2017	7.2	7.2	3.6	17	49	Non Complying
	2018	7.4	6.8	3	6.1	39	Complying
November	2017	7.2	6.8	3.4	26	94	Non Complying
	2018	6.6	6.5	3.5	21	63	Non Complying
December	2017	6.7	7.1	3.2	17	33	Non Complying
	2018	7.1	6.7	3.5	11	27	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
February	2017	7.3	6	4	94	120	Non Complying
	2018	7	2.8	12	25	120	Non Complying
March	2017	6.1	4.8	6	49	110	Non Complying
	2018	6.5	3.3	17	7.8	63	Non Complying
April	2017	7	6.5	3.6	13	79	Non Complying
	2018	7	5.9	5	26	120	Non Complying
May	2017	6.7	6.0	4	79	240	Non Complying
	2018	7.7	5.1	6	17	94	Non Complying
June	2017	7.6	4.4	11	17	79	Non Complying
	2018	6.9	4.1	6	58	280	Non Complying
July	2017	6.6	6.7	3	26	94	Complying
	2018	7.1	6.8	3.5	23	94	Non Complying
August	2017	6.9	4.6	7	26	110	Non Complying
	2018	7.2	6.9	3	23	170	Complying
September	2017	7.7	4.5	10	16	80	Non Complying
	2018	7.3	6.3	4	21	94	Non Complying
October	2017	7.1	7	3.2	23	94	Non Complying
	2018	7.3	6.5	3.5	13	79	Non Complying
November	2017	7.5	3.8	15	33	130	Non Complying
	2018	6.6	6.5	3.5	23	79	Non Complying
December	2017	6.3	3.3	12	23	120	Non Complying
	2018	6.5	4.9	10	17	49	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	6.6	7.1	3.6	7.8	22	Non Complying
	2018	6.6	6.4	3	17	33	Complying
February	2017	7	6.2	4	13	40	Non Complying
	2018	7.4	6.8	3.2	7.8	38	Non Complying
March	2017	6.6	6.9	3	11	24	Complying
	2018	7.7	7.2	3.2	7.8	23	Non Complying
April	2017	7.4	5.6	5	22	110	Non Complying
	2018	7.3	6.2	4	12	79	Non Complying
May	2017	7	6.2	3.4	13	33	Non Complying
	2018	7.5	6	4	2	23	Non Complying
June	2017	6.8	7	3.8	23	110	Non Complying
	2018	8.3	6	4	4	27	Non Complying
July	2017	7	6.7	3	26	70	Complying
	2018	7.0	6.9	3.5	17	49	Non Complying
August	2017	6.8	7.3	3.6	21	79	Non Complying
	2018	7.1	6.9	3	17	32	Complying
September	2017	6.7	6	3.7	24	109	Non Complying
	2018	7.4	6.5	3.5	7.8	23	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
November	2017	7.3	6.8	3.6	21	84	Non Complying
	2018	6.6	6.5	3.5	21	63	Non Complying
December	2017	6.7	7.2	3	17	33	Complying
	2018	7.6	6.9	3	17	46	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	6.9	7.3	3.2	17	34	Non Complying
	2018	6.7	6.2	3	17	84	Complying

February	2017	7	6	4	9.2	51	Non Complying
	2018	6.9	7.5	3	25	120	Complying
March	2017	6.8	6.9	3.2	25	38	Non Complying
	2018	7.8	6.5	4	10	33	Non Complying
April	2017	7.7	7.4	3	27	130	Complying
	2018	7.5	6.4	4	21	120	Non Complying
May	2017	7.3	7.2	3	21	70	Complying
	2018	7.4	6	3.8	4	17	Non Complying
June	2017	7.1	6.4	4	17	79	Non Complying
	2018	8.1	6.2	4	4	41	Non Complying
July	2017	7	6.5	3	22	130	Complying
	2018	7.0	6.8	3.5	38	130	Non Complying
August	2017	6.7	7.4	3.2	27	94	Non Complying
	2018	7.7	6.8	3.5	33	130	Non Complying
September	2017	7.1	6.3	4	16	78	Non Complying
	2018	7.4	6.7	3.5	21	79	Non Complying
October	2017	7	6.9	3.4	26	110	Non Complying
	2018	7.5	7.1	3	13	49	Complying
November	2017	7.5	6.9	3.4	21	63	Non Complying
	2018	6.7	6.9	3	23	94	Complying
December	2017	6.9	7	3.2	27	79	Non Complying
	2018	7.3	6.3	4	21	70	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	7.5	7.2	3.2	93	120	Non Complying
	2018	6.6	6.4	4	33	110	Non Complying
February	2017	7	6.1	4	49	150	Non Complying
	2018	7.2	7	3	17	150	Complying
March	2017	6.6	6.6	4	110	170	Non Complying
	2018	7.9	6.3	4	26	150	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
May	2017	7.2	6.9	3	79	280	Complying
	2018	7.6	5.9	5	3.7	70	Non Complying
June	2017	7	6.5	4	110	280	Non Complying
	2018	8.2	6.6	3.8	70	540	Non Complying
July	2017	7	6.7	3	22	94	Complying
	2018	7.0	6.2	4.0	23	94	Non Complying
August	2017	6.7	7.3	3.4	17	49	Non Complying
	2018	7.2	7	3	26	120	Complying
September	2017	8	6.4	4	109	279	Non Complying
	2018	7.8	6.5	4	23	110	Non Complying
October	2017	7	7.2	3.4	32	94	Non Complying
	2018	7.6	6.9	3	21	94	Complying
November	2017	7.3	7.3	3.2	32	94	Non Complying
	2018	6.7	6.6	3.5	13	79	Non Complying
December	2017	6.8	5.8	4	17	120	Non Complying
	2018	7.3	5.5	6	23	79	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	7.2	7.9	3	14	46	Complying
	2018	7.5	5.8	3	17	79	Complying
February	2017	7.9	6.3	4	13	48	Non Complying
	2018	7.5	7	3.8	9.1	43	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
April	2017	8	6.8	3	6.8	21	Complying

April	2018	8	6.1	4	4.5	21	Non Complying
May	2017	8.0	6.9	3.0	32	94	Complying
	2018	7.7	6.3	4	6.1	63	Non Complying
June	2017	7.2	5.4	3.8	33	110	Non Complying
	2018	7.9	7.2	3	4	70	Complying
July	2017	7.3	6.8	3	34	130	Complying
	2018	7.3	7.2	3.0	31	110	Complying
August	2017	6.74	6.8	4	274	540	Non Complying
	2018	7.7	6.6	4	33	110	Non Complying
September	2017	7.3	5.5	3.9	31	112	Non Complying
	2018	7.5	6.6	3.5	17	55	Non Complying
October	2017	7.3	7.2	3.4	23	84	Non Complying
	2018	7.3	6.9	3	17	63	Complying
November	2017	7.4	6.9	3.6	26	94	Non Complying
	2018	6.8	6.9	3	17	49	Complying
December	2017	7.4	5	3	23	84	Complying
	2018	7	7	3	23	79	Complying