

Table 1 -: Water Quality of River Beas (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1001	BEAS AT U/S MANALI	HIMACHAL PRADESH	2	13	8.7	11.2	7.3	8.4	90	179	0.1	0.2	0.2	0.31	12	33	120	240	-	-
4444	RIVER BEAS D/S OF WPF AT MANALI	HIMACHAL PRADESH	8	14	8.5	10.8	7.3	8.1	62	92	0.1	0.8	0.2	0.2	31	94	280	540	-	-
4037	RIVER BEAS D/S MANALSU NALLAH	HIMACHAL PRADESH	2	13	8.9	10.9	7	8.3	68	135	0.1	1	0.1	0.1	20	32	120	280	-	-
2601	BEAS AT D/S MANALI	HIMACHAL PRADESH	3	14	8.2	11.1	6.9	8.2	78	218	0.1	0.6	0.1	0.4	25	170	280	920	-	-
2602	BEAS AT U/S KULLU	HIMACHAL PRADESH	5	15	7.6	11.5	7	8.6	63	149	0.1	0.4	0.1	0.2	25	70	220	540	-	-
4445	RIVER BEAS D/S OF WPF AT KULLU	HIMACHAL PRADESH	9	13	7.8	11.1	7.5	8	73	122	0.3	1.4	0.2	0.4	40	94	350	540	-	-
1002	BEAS AT D/S KULU	HIMACHAL PRADESH	6	13	7.8	11.3	7.4	8.4	66	341	0.2	0.8	0.03	0.36	39	110	220	920	-	-
1003	BEAS AT D/S AUT	HIMACHAL PRADESH	6	15	8.7	11	7.3	8.1	50	141	0.1	0.4	0.1	0.13	26	94	150	430	-	-
1004	BEAS AT U/S PANDOH DAM	HIMACHAL PRADESH	10	19	8.6	11	7.5	8.4	62	136	0.1	0.4	0.1	0.1	13	40	170	280	-	-
2603	BEAS AT D/S PANDOH DAM	HIMACHAL PRADESH	9	24	7.2	11.3	7.2	8.1	74	149	0.1	0.4	0.1	0.2	22	110	240	350	-	-
1005	BEAS AT EXIT OF TUNNEL DEHAL POWER HOUSE	HIMACHAL PRADESH	14	24	7.9	9.9	7.8	8.6	83	241	0.1	0.4	0.1	0.14	26	49	130	350	-	-
1550	BEAS U/S MANDI	HIMACHAL PRADESH	7	22	7.1	10.2	7.7	8.4	73	159	0.1	0.2	0.1	0.2	17	27	120	280	-	-
1006	BEAS AT D/S MANDI	HIMACHAL PRADESH	8	24	8.1	11.2	7.6	8.5	75	251	0.2	0.6	0.02	0.92	31	350	340	1600	-	-
2604	BEAS AT D/S JAISINGHPUR	HIMACHAL PRADESH	8.5	16	9	10.5	7.4	8.6	129	340	0.1	0.5	0.5	1.3	2	6	39	170	-	-
1007	BEAS AT D/S ALAMPUR	HIMACHAL PRADESH	8.5	14	9	10.3	7.5	8.1	122.8	290	0.1	0.5	0.47	1.41	2	6	47	150	-	-
3855	BEAS D/S NADAUN BRIDGE, VILL BHADOLI	HIMACHAL PRADESH	8.5	20	9	11.5	7.3	8.1	176	323	0.1	0.4	0.2	1.2	2	6.1	40	170	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1009	BEAS AT D/S PONG DAM	HIMACHAL PRADESH	11.5	16	8.3	9.4	7.18	7.9	105	196	0.1	0.4	0.22	1.14	2	6	58	180	-	-
1008	BEAS AT D/S DEHRAGOPIPUR	HIMACHAL PRADESH	7.3	18	7.9	9.5	7.25	8	114	326	0.1	0.5	0.39	0.98	2	40	48	170	-	-
4435	RIVER BEAS U/S SUJANPUR TIHRA	HIMACHAL PRADESH	9.1	24	7.8	8.6	7.7	8.1	140	283	0.1	0.3	0.2	0.4	2	2	2	79	-	-
4436	RIVER BEAS D/S SUJANPUR TIHRA	HIMACHAL PRADESH	9	25	7.9	8.5	8	8.2	132	301	0.1	0.2	0.2	0.9	2	4	2	94	-	-
4437	RIVER BEAS U/S NADAUM TOWN	HIMACHAL PRADESH	9.2	23	7.8	8.3	7.7	8.1	149	285	0.1	0.3	0.3	0.6	2	6	70	120	-	-
4438	RIVER BEAS D/S NADAUN TOWN AFTER CONFLUENCE OF MAAN KHAD	HIMACHAL PRADESH	9.1	26	7.7	9.6	7.2	8	206	290	0.1	0.3	0.3	0.9	2	7	79	130	-	-
4443	RIVER BEAS AT RAISON	HIMACHAL PRADESH	8	15	8.3	11	7.3	8.2	69	106	0.1	0.3	0.1	0.5	26	79	220	350	-	-
30083	BEAS AT TALWARA (PONG DAM)	HIMACHAL PRADESH	21.1	21.1	8.7	8.7	8	8	214	214	-	-	0.5	0.5	2	2	2	2	-	-
30084	BEAS AT D/S CHANGARWA VILLAGE, (PUNJAB)	PUNJAB	26	26	8.9	8.9	8	8	215	215	-	-	0.5	0.5	2000	2000	13000	13000	-	-
1693	BEAS AT TALWARA H/W, PUNJAB	PUNJAB	15	25	6.3	9.2	7.3	7.9	158	260	1	1.1	0.1	0.4	31	46	70	94	-	-
1694	BEAS AT U/S PATHANKOT, PUNJAB	PUNJAB	15	28	7.5	8.8	7.6	8.1	224	280	1	1.4	0.1	0.6	33	140	79	280	-	-
1010	BEAS AT MIRTHAL BRIDGE, GURDASPUR	PUNJAB	15	28	7.3	9.1	7.4	8	240	280	1	1.4	0.1	0.4	26	110	70	170	-	-
1695	BEAS D/S PATHANKOT, PUNJAB	PUNJAB	15	27	7.3	8.6	7.7	8.3	210	300	1	1.7	0.3	0.8	94	490	170	790	-	-
1294	BEAS AT 1KM.D/S OF EFFL. DISH. POINT AT MUKERIAN , PUNJAB	PUNJAB	15	26	6.8	8.4	7.5	8	231	320	1.1	2	0.4	1	210	540	430	920	-	-
4164	BEAS RIVER, NR VILL KIRI AFGHANA, TEHSIL BATALA, GURDASPUR	PUNJAB	12	28	7.1	8.7	7.2	7.9	210	380	1	1.7	0.1	1.2	110	490	170	700	-	-
1011	BEAS AT G.T. ROAD UNDER BDG. NEAR KAPURTHALA	PUNJAB	14	27	7.2	9.4	7.5	8	202	310	1	1.6	0.1	1	84	630	170	940	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1012	BEAS AT 100M D/S INDUST. DISCH. GOINDWAL	PUNJAB	12	28	7	8.6	7.5	8.1	199	310	1	1.6	0.4	1.2	110	330	210	630	-	-
1696	BEAS U/S GOINDWAL, PUNJAB	PUNJAB	12	27	7.1	9.5	7.4	8	208	298	1	1.4	0.1	0.8	94	250	170	580	-	-
1697	BEAS AT HARIKE, PUNJAB	PUNJAB	13	33	7.4	8.9	7.2	8.2	204	318	1	1.4	0.4	1	110	350	210	540	-	-

Table 2- : Water Quality of river Sutlej (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (Mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1867	SUTLEJ RIVER B/C WITH RIVER SPITI AT KHAB, DISTT.KINNAUR	HIMACHAL PRADESH	6	11	9	9.8	7.1	8.5	93	2574	0.2	1.7	0.2	2.2	1	17	7	170	-	-
2611	SUTLEJ AT KHAB	HIMACHAL PRADESH	6	11	8.9	9.8	7.3	8.5	94	2763	0.3	1.2	0.2	2.2	1	33	47	1600	-	-
3872	SUTLEJ RIVER D/S TIDONG HEP	HIMACHAL PRADESH	7	12	8.5	9.4	6.8	8.5	113	2705	0.4	2.7	0.2	2.4	8	23	70	1600	-	-
4448	RIVER SUTLEJ U/S CONFLUENCES OF RIVER TIDONG	HIMACHAL PRADESH	8.1	12	8.6	9.2	7.3	8.4	91	2793	0.3	0.9	0.2	1.2	6	26	94	150	-	-
4449	RIVER SUTLEJ D/S CONFLUENCES OF RIVER TIDONG	HIMACHAL PRADESH	8.2	12	8.5	9	6.9	8.5	93	2814	0.4	0.8	0.2	1.3	6	26	94	220	-	-
4452	RIVER SUTLEJ U/S CONFLUENCES OF RIVER BASPA	HIMACHAL PRADESH	9	9	8.5	8.5	8.1	8.1	2630	2630	0.4	0.4	1.3	1.3	14	14	94	94	-	-
4453	RIVER SUTLEJ D/S CONFLUENCES OF RIVER BASPA	HIMACHAL PRADESH	10	10	8.6	8.6	8.5	8.5	2619	2619	0.5	0.5	1.2	1.2	12	12	84	84	-	-
3871	SUTLEJ RIVER D/S POWER HOUSE KASHANG HEP	HIMACHAL PRADESH	7	12	8.5	9	7.2	8.6	99	2818	0.2	1	0.2	1.2	1	21	84	1600	-	-
3870	SUTLEJ B/C WITH KARCHAM DRAIN	HIMACHAL PRADESH	7.5	13	8.3	9	7.4	8.5	91	2653	0.3	1.5	0.3	1.2	14	70	120	430	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1389	SUTLEJ AT NEPTHA ZAKHAI	HIMACHAL PRADESH	7	12	8.4	9.3	7.2	8.6	92	2598	0.4	1.4	0.3	1.2	1.8	110	46	1600	-	-
3869	SUTLEJ RIVER D/S TRT OF RAMPUR HYDEL ELECTRIC PROJECT	HIMACHAL PRADESH	6	13	8.3	8.5	6.8	8.4	92	2587	0.1	1	0.2	1.3	1.8	39	39	1600	-	-
1086	SUTLEJ AT U/S RAMPUR	HIMACHAL PRADESH	6.5	16	8	9.2	6.5	8.6	97	2545	0.2	1	0.25	1.32	1.8	210	94	1600	-	-
1087	SUTLEJ AT D/S RAMPUR	HIMACHAL PRADESH	6.5	16	8	9.4	6.6	8.6	96	2491	0.4	1.5	0.26	1.3	1.8	94	210	1600	-	-
1013	SUTLEJ AT U/S TATAPANI	HIMACHAL PRADESH	8	16	8	9.3	7	8.5	93	2349	0.2	1.7	0.24	1.5	1.8	70	120	1600	-	-
4446	RIVER SUTLEJ U/S IANDFILL SITE RAMPUR	HIMACHAL PRADESH	10	13	8.4	8.6	7.4	8.4	91	2570	0.5	0.8	0.2	1.2	9	49	1.8	280	-	-
4447	RIVER STLUJ D/S LANDFILL SITE RAMPUR	HIMACHAL PRADESH	10	13	8.4	8.6	6.9	8.5	91	2543	0.6	0.8	0.3	1.2	26	70	280	430	-	-
1014	SUTLEJ AT U/S SLAPPER	HIMACHAL PRADESH	11	23	8.4	11.3	7.9	8.5	8	2340	0.1	0.1	0.3	0.02	13	33	110	280	-	-
1015	SUTLEJ AT D/S SLAPPER	HIMACHAL PRADESH	10	22	8.4	11.2	7.3	8.4	83	1277	0.1	0.8	0.3	0.21	10	34	220	280	-	-
1016	SUTLEJ AT D/S BHAKHRA	HIMACHAL PRADESH	3	21	5.8	9.5	7.3	8.4	169	2560	0.1	0.4	0.34	0.82	1.8	37	1.8	170	-	-
4032	SUTLEJ AT U/S KHAIRIAN SOLID WASTE DUMPING SITE BILASPUR	HIMACHAL PRADESH	14.5	25	7.3	10.8	7.9	8.7	147	411	0.1	0.4	0.1	0.1	22	33	170	280	-	-
4033	SUTLEJ AT D/S KHAIRIAN SOLID WASTE DUMPING SITE BILASPUR	HIMACHAL PRADESH	15	25	8.8	10.6	7.9	8.7	2	285	0.2	0.3	0.1	0.2	21	49	170	350	-	-
4450	RIVER SUTLEJ U/S CONFLUENCE WITH GANVI KHAND	HIMACHAL PRADESH	8.7	12	8.4	9	7.3	8.5	92	1413	0.4	1	0.3	0.8	11	40	46	280	-	-
4451	RIVER SUTLEJ D/S CONFLUENCE WITH GANVI KHAD	HIMACHAL PRADESH	8.7	12	8.5	9	7	8.3	91	1399	0.3	0.9	0.3	0.8	17	47	84	350	-	-
1814	SUTLEJ AT D/S KIRATPUR SAHIB,	PUNJAB	14	21	7.8	9.1	7.2	8.5	192	612	-	-	0.4	5.8	20	450	170	1400	-	-
2915	SUTLEJ AT 100 MT. D/S OF PACL, NANGAL, PUNJAB	PUNJAB	12	24	7.9	8.9	7	8.3	186	421	-	-	0.2	3.9	23	260	140	840	-	-
1380	SUTLEJ AT D/S NFL, PUNJAB	PUNJAB	12	24	7.8	9	7	8.4	180	291	-	-	0.8	8.1	21	230	120	790	-	-
10020	RIVER SUTLEJ AT ANANDPUR SAHIB	PUNJAB	14	24	7.8	9.2	6.9	8.5	204	378	1	1	0.8	11.9	49	400	220	1000	-	-
10021	RIVER SUTLEJ AT BUNGA SAHIB	PUNJAB	16	22	7.3	8.9	7.2	8.4	180	340	1	1.6	0.4	2	33	680	170	1300	-	-

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10022	RIVER SUTLEJ AT PHILLAUR U/S	PUNJAB	15	33	4.5	7.5	7	7.7	280	880	1	9	0.1	0.7	110	1100	280	2200	-	-
10023	RIVER SUTLEJ AT PHAGWARA U/S (CHAHERU BRIDGE)	PUNJAB	16	32	1.1	4.8	7.1	8	521	1060	4	12	0.5	2.5	680	2300	1100	3300	-	-
10024	RIVER SUTLEJ AT PHAGWARA D/S (KANGANIWAL BRIDGE)	PUNJAB	14	33	1.6	1.6	7.1	7.9	699	1326	18	45	1.2	3.6	7000	49000	14000	70000	-	-
10025	RIVER SUTLEJ AT JALANDHAR U/S (PEERU SHAH KA DARGAH)	PUNJAB	14	33	-	-	7.1	7.8	889	1410	40	84	2	3.8	12000	79000	35000	110000	-	-
10026	RIVER SUTLEJ AT JALANDHAR D/S (MALSIAN BRIDGE)	PUNJAB	13	32	-	-	7.1	7.5	982	1680	48	120	1.6	5.2	17000	170000	79000	280000	-	-
10027	RIVER SUTLEJ AT LUDHIANA U/S	PUNJAB	16	26	7.2	8.7	7.2	8.3	214	394	1	2	0.4	6.1	140	1300	630	2600	-	-
10028	RIVER SUTLEJ AT LUDHIANA D/S	PUNJAB	17	29	2	6.2	7	7.8	312	956	4	55	0.2	5.1	14000	220000	22000	940000	-	-
1017	SUTLEJ AT 100M U/S OF HEADWORKS, NANGAL	PUNJAB	13	20	8.8	9.8	7.1	8.4	177	242	1	1	0.39	5.02	17	93	84	390	-	-
1018	SUTLEJ AT 100M D/S , NANGAL	PUNJAB	11	22	8.1	9.2	6.9	8.4	190	330	-	-	0.79	2.69	26	330	140	1100	-	-
1293	SUTLEJ AT 1 KM. D/S OF ZENITH, PUNJAB	PUNJAB	12	28	7.4	8.5	7.2	8.5	225	448	1.1	1.1	0.6	5.1	110	700	430	2100	-	-
1019	SUTLEJ AT U/S HEAD WORKS ROPAR	PUNJAB	13	27	7.8	9.1	7.3	8.5	208	367	-	-	0.48	5.02	79	780	280	1700	-	-
1690	SUTLEJ AT U/S BUDHA NALLAH (UPPER), PUNJAB	PUNJAB	14	29	6.8	8.6	7.2	8.1	224	488	1.1	3	0.9	11.2	280	1700	920	4900	-	-
1020	SUTLEJ AT 100M D/S BUDHA NALA CONFL., LUDHIANA	PUNJAB	17	30	1.2	5.8	7	7.9	316	1245	8	105	0.41	3.12	27000	1700000	79000	3500000	-	-
1022	SUTLEJ AT BRIDGE HARIKE, AMRITSAR	PUNJAB	14	32	5.2	7	7.2	7.9	280	408	1.8	4.4	0.9	3.2	200	7000	3300	11000	-	-
1021	SUTLEJ AT BOAT BDG. DHARMKOTNAKODAR ROAD, JALANDHAR	PUNJAB	14	27	3	5.9	6.9	7.9	308	888	3.2	20	0.29	1.93	11000	93000	17000	260000	-	-
1381	SUTLEJ AT D/S EAST BEIN, PUNJAB	PUNJAB	12	31	1	6	7.3	8	292	1230	3.4	22	1	2.5	200	22000	3300	54000	-	-
1691	SUTLEJ AT U/S HUSSANIWALA - H/W FEROZEPUR, PUNJAB	PUNJAB	10	34	6.6	9	7	8.3	202	296	1.1	1.2	0.2	1.4	93	930	490	2400	-	-
1692	SUTLEJ AT D/S HUSSANIWALA- H/W FEROZEPUR, PUNJAB	PUNJAB	12	34	6.4	8.9	7.1	8.3	205	315	1.2	1.8	0.2	4.3	61	920	220	2300	-	-

**Table- 2.1 :- Water Quality Of Tributary Streams - Ravi, Parvati, Largi, Sirsa, Siuel, Suketi khad, Binwa, Neugal, Spiti, Baspa, Chunt kol, Gawadkal, Jhelum, Banganga, Basanter, Chenab, Devak, Lidder, Sindh And Tawi (2019)**

Station Code	LOCATION	STATE	Temperature		Dissolved Oxygen		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (Mg/L)		Nitrate		Faecal Coliform		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
			(° C)		(mg/ L)								(mg/ L)		(MPN/ 100 mL)					
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1088	RAVI AT U/S MADHOPUR	HIMACHAL PRADESH	11.5	17	7.3	9.3	7.1	7.9	68	408	0.1	0.3	0.3	0.8	1.8	20	58	84	-	-
1089	RAVI AT U/S CHAMBA	HIMACHAL PRADESH	3	13	8	8.8	7.2	8.1	115	262	0.1	0.3	0.1	0.57	2	6	33	140	-	-
2614	RAVI AT AT CHAMERA RESERVOIR	HIMACHAL PRADESH	7	12	8	10.2	7	8.2	83	2380	0.1	0.2	0.1	1.5	2	4	46	140	-	-
2615	RAVI AT D/S AT CHAMERA III HEP	HIMACHAL PRADESH	7	14	8	11	7.3	8.2	17	207	0.1	0.3	0.1	1.1	1.8	6	1.8	120	-	-
2613	RAVI AT D/S OF CHAMBA TOWN	HIMACHAL PRADESH	3	12	7.4	8.7	7.1	8	121	1260	0.1	0.4	0.1	0.8	2	63	46	140	-	-
30085	RAVI AT MADHOPUR	PUNJAB	25.3	25.3	8.2	8.2	7.9	7.9	201	201	-	-	0.7	0.7	2	2	2	2	-	-
1097	RAVI AT U/S OF MADHOPUR HEADWORKS, GURDASPUR, PUNJAB	PUNJAB	15	22	7.2	9	7.4	8.1	141	232	1	1.3	0.1	0.1	21	49	58	110	-	-
4059	RIVER RAVI AT RANJIT SAGAR DAM, AT PANAGAR (BASOHIL)	JAMMU & KASHMIR	22	22	9.1	9.1	8.2	8.2	128	128	0.1	0.1	-	-	-	-	-	-	-	-
4082	RIVER RAVI AT BAJU NALLAH AT KHOKHYAL NEAR BARAGE, CONFLUENCE POINT OF SAHAR-KHAD AND KATHUA CITY NALLAHS	JAMMU & KASHMIR	24	24	7.2	7.2	7.6	7.6	137	150	1	1.9	0.1	0.1	-	-	-	-	-	-
4061	RIVER RAVI AT LAKHANPUR, 1 KM D/S FROM MADHOPUR BRIDGE	JAMMU & KASHMIR	22	22	9	9	7.3	7.3	156	156	0.2	0.2	-	-	-	-	-	-	--	-
1290	PARVATI BEFORE CONF. TO RIVER BEAS	HIMACHAL PRADESH	6	12	8.1	11.5	7.4	8.1	41	342	0.1	0.2	-	-	17	46	110	350	-	-
2605	PARVATI AT U/S MANIKARAN	HIMACHAL PRADESH	1	19	8.6	11.6	7.1	8.1	40	147	0.1	0.2	0.1	0.1	11	70	94	350	-	-
2606	PARVATI AT D/S MANIKARAN	HIMACHAL PRADESH	2	11	8.5	11.5	7.3	8.8	46	111	0.1	0.2	-	-	13	33	110	220	-	-
1090	LARGI AT D/S, DWADA	HIMACHAL PRADESH	6	18	8.2	11	7.5	8.1	56	113	0.1	0.4	0.1	0.1	23	79	170	350	-	-
1551	SIRSA RIVER , U/S SITOMAJRI NALLAHGARH	HIMACHAL PRADESH	16	28	6.5	9.2	7	8.1	267	1582	0.4	4	0.1	1.6	4	26	32	110	-	-
1552	SIRSA RIVER, D/S NALAGARH BRIDGE	HIMACHAL PRADESH	17	32	5.2	8.4	7.2	8.5	474	1731	0.3	14	0.1	1.4	12	120	38	280	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal - Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1868	SIRSA RIVER AT D/S NALAGARH DISTT. SOLAN	HIMACHAL PRADESH	17	31	6.4	8.5	7.2	8.9	590	1966	0.4	7.2	0.3	4.3	13	70	32	220	-	-
2616	SIUEL AT D/S SURGANI	HIMACHAL PRADESH	5	14	8	9.8	6.8	8.1	88	2300	0.1	0.4	0.1	0.8	2	6	43	130	-	-
2607	SUKETI KHAD AT D/S MANDI	HIMACHAL PRADESH	10	25	5.6	10.5	7.8	8.4	88	372	0.2	0.6	0.1	0.6	31	350	280	1600	-	-
2608	BINWA AT D/S PAPROLA/BAIJNATH	HIMACHAL PRADESH	11	13.5	8.5	8.9	7	8.2	90	204	0.1	0.3	0.2	1.2	1.8	2	46	94	-	-
2609	NEUGAL AT D/S THURAL	HIMACHAL PRADESH	8	16	8.2	9.2	7.4	8.1	124	1100	0.1	0.3	0.4	78	2	20	63	110	-	-
2610	SPITI AT KHAB	HIMACHAL PRADESH	6	11	9.2	9.8	6.9	8.5	76	2389	0.1	1.3	0.2	2.2	1.8	25	46	1600	-	-
2612	BASPA AT U/S RESERVOIR BASPA PROJECT	HIMACHAL PRADESH	6.5	11	9	10	7.4	8.6	83	2615	0.2	1	0.1	1.2	1.8	23	31	1600	-	-
1307	CHUNT KOL (MAULANA AZAD BRIDGE)	JAMMU & KASHMIR	5.5	23	1.3	5.2	6.9	7.8	157	395	2.3	11.2	-	-	-	-	-	-	-	-
1306	GAWKADAL, SRG (SHERGHARI, SRG)	JAMMU & KASHMIR	4	19	5.9	7.9	7.2	8.6	130	315	1.5	3.2	-	-	-	-	-	-	-	-
1304	JHELUM AT ANANTNAG D/S	JAMMU & KASHMIR	4	26	6.4	8.9	7.3	8.4	165	291	1.4	2.9	-	-	-	-	-	-	-	-
1410	JHELUM AT DALAGATE (INLET), SRINAGAR	JAMMU & KASHMIR	4	15	6.2	8.3	7.1	7.8	103	281	1.6	2.8	-	-	-	-	-	-	-	-
1411	JHELUM AT CHATTABAL WEIR (OUTLET)	JAMMU & KASHMIR	3.5	18.3	4.8	8.2	7.2	8.7	160	395	1.6	2.8	-	-	-	-	-	-	-	-
3272	JHELUM RIVER AT VERINAG	JAMMU & KASHMIR	5	12.2	5.8	8.5	7.2	7.5	210	310	0.6	1	-	-	-	-	-	-	-	-
3273	JHELUM RIVER AT SANGAM, CONFLUENCE POINT OF VISHAV NALLAH	JAMMU & KASHMIR	3	25.8	6	8.6	7.4	7.1	140	264	1.4	2.5	-	-	-	-	-	-	-	-
3276	JHELUM RIVER AT SOPORE, CONFLUENCE POINT OF WULAR LAKE	JAMMU & KASHMIR	4.8	14.5	6	7.8	7.6	7.8	208	290	2	3	-	-	-	-	-	-	-	-
3277	JHELUM RIVER AT BARAMULLA D/S	JAMMU & KASHMIR	5	14.6	6.4	7.6	7.7	7.8	225	298	2.5	3.5	-	-	-	-	-	-	-	-
3274	JHELUM RIVER AT AWANTIPORA	JAMMU & KASHMIR	4	26	5.9	8	7.4	8.8	123	261	1.4	3.5	-	-	-	-	-	-	-	-
3275	JHELUM RIVER AT PAMPORE	JAMMU & KASHMIR	4	14.2	5.4	8.5	7.4	8.7	126	250	1.2	2.5	-	-	-	-	-	-	-	-
4053	RIVER JHELUM AT BIJEHARA	JAMMU & KASHMIR	3	22	6.5	8.5	7.4	8.8	160	286	1.4	2.7	-	-	-	-	-	-	-	-
4054	RIVER JHELUM AT PANTHACHOWK	JAMMU & KASHMIR	4.2	15	6.2	8.5	7.2	8.1	135	275	1.7	7.8	-	-	-	-	-	-	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2755	BANGANGA (BATHING GHAT), KATRA,	JAMMU & KASHMIR	12	24	3	7.4	7.5	8.5	250	560	1.8	5.2	-	-	-	-	-	-	-	-
2756	BANGANGA (IN FRONT OF PONY SHED NEAR REASI BRIDGE)KATRA	JAMMU & KASHMIR	12	24	5.2	7.7	7.8	8.7	320	520	4	6.2	0.2	1.1	-	-	-	-	-	-
2752	BASANTER U/S (R.H.S) SAMBA (BELOW NH-1A BRIDGE),	JAMMU & KASHMIR	13	28	6	7.6	7.7	8.6	150	380	1.3	4.2	0.2	0.2	-	-	-	-	-	-
2748	CHENAB AT L.H.S.(BELOW BRIDGE CHENAB)	JAMMU & KASHMIR	8	14	7.9	9.1	7.5	7.7	124	196	0.2	0.2	-	-	-	-	-	-	-	-
2749	CHENAB AT BLIND CURVE SHAMSHAN GHAT (1.5 KM U/S FROM SPOT)	JAMMU & KASHMIR	8	14	8.2	9.2	7.6	7.7	124	194	0.1	0.2	-	-	-	-	-	-	-	-
2750	CHENAB RIVER AT CHADRA GAON VIEW POINT(4 KM U/S FROM SPOT)	JAMMU & KASHMIR	8	14	8.3	9.3	7.4	7.6	120	193	0.2	0.2	-	-	-	-	-	-	-	-
2751	CHENAB AT JAL PATAN MANDIR AFTER MEETING WITH MAIN DRAIN OF AKHNOOR CITY(1.5 KMD/S FROM SPOT)	JAMMU & KASHMIR	8	14	7.7	8.5	7.6	7.9	13	198	0.6	1.4	-	-	-	-	-	-	-	-
2754	DEVAK RIVER UDHAMPUR(NEAR SHIV MANDIR D/S)L.H.S.	JAMMU & KASHMIR	12	26	6	6.8	7.2	7.5	540	660	3.7	10	0.2	2.1	-	-	-	-	-	-
2757	DEVAK RIVER AT UTTERBEHNI	JAMMU & KASHMIR	15	26	6.2	8	7.6	8.5	154	440	0.1	1.8	-	-	-	-	-	-	-	-
3278	LIDDER AT LARIPORA	JAMMU & KASHMIR	1	11.3	7.5	10.6	7.6	7.9	84	196	0.5	1.1	-	-	-	-	-	-	-	-
3279	LIDDER AT CLUB PARK	JAMMU & KASHMIR	1	11.5	7.3	10.7	7.5	7.9	114	216	0.5	1.3	-	-	-	-	-	-	-	-
3280	LIDDER AT BUS ADDA	JAMMU & KASHMIR	1	11	7.8	10.3	7.2	7.8	78	207	0.6	1.5	-	-	-	-	-	-	-	-
3281	LIDDER AT YANEER, D/S OF PHALGUM	JAMMU & KASHMIR	4.5	12.3	7.6	10.2	7.3	8.5	88	176	0.5	1.2	-	-	-	-	-	-	-	-
3282	LIDDER NERA BUMZOO, ANANTNAG	JAMMU & KASHMIR	4	13.5	7.8	9.8	7.2	8.2	93	172	0.8	1.4	-	-	-	-	-	-	-	-
3283	SINDH RIVER AT SONAMARG U/S	JAMMU & KASHMIR	6	15.4	7	8.7	7.9	8	170	380	0.4	1.3	-	-	-	-	-	-	-	-
3284	SINDH RIVER AT SONAMARG D/S	JAMMU & KASHMIR	6.5	15	7	9	7.8	8	222	409	0.8	1.4	-	-	-	-	-	-	-	-
3285	SINDH RIVER AT WAIL BRIDGE	JAMMU & KASHMIR	4.2	21.1	7.5	10.6	7.4	7.9	119	342	0.5	1.4	-	-	-	-	-	-	-	-



Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3286	SINDH RIVER AT DUDERHAMA	JAMMU & KASHMIR	3.9	22.2	6.8	9.8	7.3	7.8	152	318	0.6	2.1	-	-	-	-	-	-	-	-
3287	SINDH RIVER AT RANGIL, SRINAGAR	JAMMU & KASHMIR	3.8	21.6	7.5	10	7.3	7.7	128	296	0.6	1.1	-	-	-	-	-	-	-	-
2742	TAWI AT SHETALI LIFTING POINT NAGROTA(5KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	7.9	28	7.8	8.5	7.5	8.3	119	380	0.1	1	0.1	0.1	-	-	-	-	-	-
2743	TAWI AT BAGH-E-BAHU LIFTING POINT(1 KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	8.2	28	7.2	8.6	7.8	8.4	128	375	0.1	1.4	0.1	0.1	-	-	-	-	-	-
1412	TAWI AT JAMMU U/S, (TAWI BRIDGE )	JAMMU & KASHMIR	12	34	5	7.2	7.4	8.8	381	877	1.8	12	0.1	0.8	-	-	-	-	-	-
2744	TAWI BELOW TAWI BRIDGE	JAMMU & KASHMIR	11	33	6.2	7.9	7.5	8.9	126	400	0.6	3	0.3	0.3	-	-	-	-	-	-
2745	TAWI BAGHWATI NAGAR (2KM D/S TAWI BRIDGE	JAMMU & KASHMIR	11	30	1	7.6	8	8.7	125	800	1.4	8	0.3	0.3	-	-	-	-	-	-
2746	TAWI AT BELICHARANA(4KM D/S TAWI BRIDGE)	JAMMU & KASHMIR	11	30	7.2	8.4	8.2	8.6	118	373	0.8	1.8	0.3	0.8	-	-	-	-	-	-
2747	TAWI AT SURAJPUR CHATHA(10 KM D/S TAWI BRIDGE)BELOW BRIDGE NEAR CHATHA MSW DUMPING SITE, J&K	JAMMU & KASHMIR	12	30	6.3	8.2	8	8.6	120	422	0.5	1.8	0.2	0.2	-	-	-	-	-	-

**Table-2.2: Water Quality Of Tributary Streams - Sukhana, Sarsa, Swan, Tirthan, Pabbar, Manwar Tawi, Suran, Alhi, Harabaghi, Ashwani, Manjhi Khad, Mol khad, Baner Khad, Charan Khad, Ashwani Khad, Gumma Nauti Khad, Dhauli Khad, Shikari, Batta, and Kali Bein (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1870	SUKHANA RIVER AT PARWANOO, DISTT. SOLAN	HIMACHAL PRADESH	19.4	20.2	2.5	6.3	7.5	8.1	214	1536	1.6	72	0.8	3.6	17	920	47	1600	-	-
4161	CONFLUENCE POINT OF SARSA NADI WITH WITH RIVER SUTLEJ, NR VILL ASPUR, ROOPNAGAR	PUNJAB	16	26	7.6	9.1	7.2	8.4	283	393	1.4	1.4	0.9	10.3	98	700	320	2200	-	-
3856	SWAN RIVER U/S GAGRET	HIMACHAL PRADESH	7	23	6	7.9	7.4	8.2	193	470	0.1	0.3	0.2	1.3	1.8	5	1.8	110	-	-
3857	SWAN RIVER D/S GAGRET	HIMACHAL PRADESH	7	23	6	7.9	7.1	8.3	151	1690	0.1	0.4	0.3	1.5	1.8	60	1.8	140	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3858	SWAN RIVER U/S SANTOSHGARH BRIDGE	HIMACHAL PRADESH	6	26.5	6	8	7.2	8.1	191	456	0.1	0.3	0.3	1.4	1.8	6	1.8	120	-	-
3859	SWAN RIVER U/S UNA TOWN GHALLUWAL BRIDGE	HIMACHAL PRADESH	6	26	5.8	7.6	7	8.1	172	495	0.1	0.3	0.1	1.1	1.8	6.1	1.8	130	-	-
4030	SWAN RIVER B/C OF GARNI KHAD	HIMACHAL PRADESH	7	24	6	7.8	7.1	8.1	187	521	0.1	0.3	0.3	0.8	1.8	6	1.8	140	-	-
4031	SWAN RIVER A/C GARNI KHAD	HIMACHAL PRADESH	7	25.5	6	7.7	7.2	8	164	437	0.1	0.3	0.2	1	1.8	6.1	1.8	150	-	-
4433	SWAN RIVER D/S OF UNA AT RAMPUR BRIDGE	HIMACHAL PRADESH	10	25	6.2	7.9	7.3	8.6	374	618	0.1	0.5	0.4	1.3	2	6	94	130	-	-
1869	SWAN RIVER AT D/S NANGAL DISTT. UNA	HIMACHAL PRADESH	5	25	5.9	7.8	7.2	8.9	181	4670	0.1	0.5	0.5	1.2	0.3	61	1.8	180	-	-
4038	RIVER TIRTHAN B/C TO RIVER SUTLEJ	HIMACHAL PRADESH	5	18	8.5	11.6	7.6	8.2	62	122	0.1	0.2			13	40	150	280	--	-
2617	PABBAR AT U/S DHAMBARI	HIMACHAL PRADESH	5	20	8.1	10.3	7.3	8.4	42	4700	0.2	1.2	0.1	2.3	1	17	21	1600	-	-
2618	PABBAR AT U/S ROHRU	HIMACHAL PRADESH	6	19	7.6	10.5	7.4	8.4	52	5815	0.3	2.2	0.2	2.3	1.8	26	26	350	-	-
2619	PABBAR AT D/S SWARAKUDDU	HIMACHAL PRADESH	5	19	7.4	10.3	7.6	8.2	65	8033	0.3	4.6	0.1	2.8	2	39	26	540	-	-
4039	RIVER PABBAR U/S HATKOTI	HIMACHAL PRADESH	6	21	7	11.6	7.4	8.2	63	970	0.1	1.2	0.1	2.6	7	38	63	1600	-	-
4075	MANWAR TAWI AT VILLAGE KALLAR (ABOUT 15 KM D/S SALAINI BRIDGE)	JAMMU & KASHMIR	22	22	8.2	8.2	8.4	8.4	191	191	-	-	-	-	-	-	-	-	-	-
4076	MANWAR TAWI AT NOWSHERA, CONFLUENCE POINT OF TRIBUTARIES IN MANWAR TAWI)	JAMMU & KASHMIR	22	22	8.2	8.2	8.4	8.4	188	188	-	-	-	-	-	-	-	-	-	-
4079	MANWAR TAWI AT TARHALI BRIDGE ( 5 KM U/S SALAINI BRIDGE)	JAMMU & KASHMIR	21	22	7.4	8.2	7.6	8.3	96	136	-	-	-	-	-	-	-	-	-	-
4081	SURAN RIVER RIVER BELOW SHER-E-KASHMIR BRIDGE AT POONCH	JAMMU & KASHMIR	16	16	8.5	8.5	8.1	8.1	119	119	0.2	0.2	-	-	-	-	-	-	-	-
4464	ALHI RIVER-NOG(NEAR WATER SUPPLY SCHEME INTAKE)TRIBUTARY OF RIVER SUTLEJ	HIMACHAL PRADESH	19	25	7.8	9.4	8.1	8.6	381	418	0.1	0.1	-	-	21	26	170	170	-	-
4465	HARABAGH(INTAKE FROM BBMB SOURCE-BBMB ADIT HARABGH)WATE SPRING	HIMACHAL PRADESH	20	21	7.6	11	7.9	8.3	211	623	0.1	0.1	-	-	11	27	79	210	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4036	RIVER ASHWANI, KUNNI PUL, VILL SAMAHU, PO KUNI HAR, TEHSIL ARKI	HIMACHAL PRADESH	20	20.6	5.2	9.5	7.4	8.4	201	350	0.1	1.8	0.3	0.5	4	26	12	220	-	-
4479	ASHWANI RIVER AT SADHUPUL (U/S OF BRIDGE TOWARDS CHAIL.)	HIMACHAL PRADESH	18	18	5.7	6.8	7.3	8.6	257	1015	0.2	2.2	0.1	1.5	6	12	20	58	-	-
2620	ASHWANI AT U/S YASHWANT NAGAR	HIMACHAL PRADESH	-	-	5.5	9	7	8.9	210	462	0.1	2.4	0.1	2.9	3.6	23	1.8	170	-	-
4023	MANJHI KHAD U/S DHARAMSHALA OF KHANIYARA	HIMACHAL PRADESH	8	11	7.1	8.9	7.2	8.1	57	236	0.1	0.2	0.3	1	1.8	20	46	140	-	-
4024	MANJHI KHAD D/S DHARAMSHALA AT CHETRU	HIMACHAL PRADESH	9	12	7.2	8.4	7	8.1	83	254	0.1	0.3	0.1	1.1	1.8	37	46	170	-	-
4025	MOL KHAD U/S PALAMPU	HIMACHAL PRADESH	11	13.5	8.2	8.6	7.1	8.1	109	1230	0.1	0.3	0.1	28	2	4	70	94	-	-
4026	MOL KHAD D/S PALAMPU	HIMACHAL PRADESH	11.5	13.5	8.1	8.6	7	8.5	7	246	0.1	0.3	0.3	1	2	6	46	110	-	-
4060	DAM-SITE AT THEIN	JAMMU & KASHMIR	22	22	9.2	9.2	8.6	8.6	172	172	0.2	0.2	-	-	-	-	-	-	-	-
4457	BANER KHAD U/S CHAMUNDA TEMPLE	HIMACHAL PRADESH	19	19	8.3	8.3	7.5	7.5	184	184	0.2	0.2	0.4	0.4	2	2	63	63	-	-
4458	BANER KHAD D/S CHAMUNDA TEMPLE	HIMACHAL PRADESH	19	19	8.1	8.1	7.2	7.2	172	172	0.3	0.3	0.5	0.5	2	2	70	70	-	-
4460	CHARAN KHAD U/S BHAGSUNAG	HIMACHAL PRADESH	15	15	8.2	8.2	7.3	7.3	228	228	0.2	0.2	0.2	0.2	-	-	-	-	-	-
4428	U/S OF WEIR SITE OF WTP NEAR ASHWANI BRIDGE	HIMACHAL PRADESH	10	26	6	8.5	6.9	8.5	177	3523	0.3	2.8	0.4	7.9	1	33	2	350	-	-
4429	D/S OF ASHWANI KHAD (AFTER CONFLUENCE OF LIFT NALLAH)	HIMACHAL PRADESH	8	28	5	8	7	8.4	198	5822	2.2	4	0.4	8.5	4	350	920	1600	-	-
4424	RAW WATER FROM AT GUMMA NAUTI KHAD	HIMACHAL PRADESH	7	22	6.2	8.9	8	8.7	266	3128	0.4	0.6	0.4	4.2	1	23	1	350	-	-
4432	DHAULI KHAD AT CHARAN GANGA MEDI	HIMACHAL PRADESH	16.5	25	6.1	7.9	7.1	8.2	343	544	0.1	0.2	0.2	0.2	2	4	46	79	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4431	SHIKARI BEFORE CONFLUENCE TO RIVER PABBAR NEAR HRTC ROHRU BUS STAND	HIMACHAL PRADESH	8	23	5.6	9.3	7.4	8.4	123	1340	0.3	4.6	0.1	1.7	11	120	130	1600	-	-
2626	BATTA AT U/S PAONTA	HIMACHAL PRADESH	7	22	6.2	9.9	6.6	8.2	344	584	0.2	0.7	0.1	1.7	9	22	26	58	-	-
2627	BATTA BEFORE CONFLUENCE TO YAMUNA	HIMACHAL PRADESH	8	24	6.4	10.4	6.7	8.3	357	574	0.5	1.6	0.1	0.7	15	31	39	120	-	-
2913	KALI BEIN FALLING INTO RIVER BEAS, PUNJAB	PUNJAB	14	32	4.8	7.1	7.3	7.8	270	478	2.1	5	0.6	1.2	1100	1700	2200	6300	-	-

Table - 3: Water Quality of river Ganga (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1491	BHAGIRATHI AT GANGOTRI	UTTARAKHAND	-	-	9.8	9.8	-	-	-	-	-	-	-	-	7	7	9	9	-	-
1485	MANDAKINI B/C ALAKNADA AT RUDRAPRAYAG,	UTTARAKHAND	17	18	9.4	9.8	7.8	7.9	-	-	BDL	1.0	-	-	1.8	2	1.8	2	-	-
1484	ALAKNANDA B/C MANDAKINI AT RUDRA PRAYAG	UTTARAKHAND	17	19	9.6	10.2	7.6	7.8	-	-	1.0	1.0	-	-	1.8	2	NA	2	-	-
1486	ALAKNANDA A/C MANDAKINI AT RUDRAPRAYAG	UTTARAKHAND	16	18	9.2	10.2	7.7	7.8	-	-	1.0	1.0	-	-	1.8	2	NA	2	-	-
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	UTTARAKHAND	17	18	9.4	10.2	7.6	8.0	-	-	1.0	1.0	-	-	1.8	2	NA	2	-	-
1487	ALAKNANDA B/C TO BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	17	19	9.2	10.0	7.6	7.9	-	-	1.0	1.0	-	-	1.8	2	NA	2	-	-
1489	ALAKNANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	17	19	9.6	10.0	7.8	8.0	-	-	1.0	1.0	-	-	1.8	2	NA	2	-	-
20048	SWARG ASHRAM-1	UTTARAKHAND	19	21	9.2	10.2	7.9	8.1	105	292	1.0	1.0	-	-	40	60	110	170	-	-
1060	GANGA AT RISHIKESH U/S	UTTARAKHAND	16	20	9.8	11.8	7.4	8.2	114	125	1.0	1.0	—	—	14	30	40	401	-	-
20049	LAKKAR GHAT- OXIDATION PONDS	UTTARAKHAND	19	28	8.8	10.2	7.8	8.4	-	390	1.0	1.0			40	70	90	170	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10147	RIVER GANGA D/S RISHIKESH	UTTARAKHAND	16	22	9.0	11.2	7.3	8.2	97	154	1.0	1.0	—	—	26	40	50	90	-	-
2725	GANGA RIVER AFTER CONFLUENCE OF RIVER SONG NEAR SATYANARAYAN TEMPLE D/S RAIWALA, DEHRADUN	UTTARAKHAND	16	25	8.6	10.4	7.4	8.4	308	400	1.0	1.2	—	—	50	130	110	280	-	-
10148	RIVER GANGA AT HAR KI PAURI GHAT	UTTARAKHAND	17	22	9.0	10.2	7.5	8.4	121	155	1.0	1.0	—	—	26	50	40	110	-	-
1061	GANGA AT HARIDWAR D/S, UPPER GANGA CANAL D/S BALKUMARI MANDIR,	UTTARAKHAND	16	22	8.6	9.4	7.1	8.0	173	231	1.0	2.0	—	—	70	220	130	350	-	-
2727	UPPER GANGA RIVER D/S ROORKEE	UTTARAKHAND	16	20	8.6	10.0	7.4	8.3	-	143	1.0	1.2	-	-	40	90	110	170	-	-
10150	RIVER GANGA AT MADHYA GANGA BARRAGE, BIJNOR	UTTAR PRADESH	—	—	7.5	9.7	7.4	7.7	62	253	1.3	1.8	—	—	—	—	—	—	-	-
1062	GANGA AT GARHMUKTESHWAR	UTTAR PRADESH	16.5	26	7.5	10.5	6.8	7.7	155	266	0.9	2.8	0.33	0.82	220	1700	540	3500	-	-
10149	GHARMUKTESHWAR	UTTAR PRADESH	16	26	7.3	11.5	6.5	7.6	163	256	0.6	2.1	0.25	0.85	110	1100	240	2800	-	-
2488	GANGA U/S, ANOOPSHAHAR	UTTAR PRADESH	15	30	7.0	10.4	6.9	7.5	210	232	1.1	2.8	0.32	0.62	110	280	170	550	-	-
2489	GANGA D/S, ANOOPSHAHAR	UTTAR PRADESH	17	30	7.2	10.3	7.0	7.6	218	236	0.8	2.6	0.34	0.53	170	430	240	920	-	-
1145	GANGA AT NARORA (BULANDSAHAR)	UTTAR PRADESH	14	29	7.3	10.6	7.1	7.6	220	234	1.0	2.5	0.37	0.66	280	920	630	1600	-	-
2490	GANGA AT KACHHLA GHAT, ALIGARH	UTTAR PRADESH	16	25	9.7	10.5	7.0	8.0	118	789	0.9	2.5	0.55	0.62	170	270	250	460	-	-
10151	RIVER GANGA AT FARUKKABAD	UTTAR PRADESH	16	33	6.4	10.7	7.6	8.4	157	285	1.7	2.6	—	—	1.8	1700	1700	2700	-	-
1063	GANGA AT KANNAUJ U/S (RAJGHAT)	UTTAR PRADESH	16	32	6.4	10.6	7.7	8.6	205	345	2.4	3.4	—	—	1300	2700	3300	4600	-	-
1066	GANGA AT KANNAUJ D/S	UTTAR PRADESH	16	32	6.0	10.2	7.8	8.6	200	366	2.8	4.2	—	—	1700	3300	4000	5800	-	-
1146	GANGA AT BITHOOR (KANPUR)	UTTAR PRADESH	16	32	6.1	10.6	7.9	8.8	203	350	2.3	4.4	—	—	1400	3400	3300	5800	-	-
1067	GANGA AT KANPUR U/S (RANIGHAT)	UTTAR PRADESH	16	32	5.8	10.3	7.8	8.7	203	368	2.5	4.0	—	—	1700	3400	3900	5800	-	-
10154	RIVER GANGA AT BATHING GHAT (BHARAOGHAT)	UTTAR PRADESH	16	32	5.7	10.4	7.8	8.7	206	362	2.4	3.8	—	—	2000	3300	3200	4900	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10155	RIVER GANGA AT D/S SHUKLAGANJ	UTTAR PRADESH	16	32	5.4	10.0	7.8	8.7	219	380	2.7	4.4	—	—	2000	4500	4600	7000	-	-
1068	GANGA AT KANPUR D/S (JAJMAU PUMPING STATION)	UTTAR PRADESH	16	32	4.6	9.4	7.6	8.4	223	442	3.2	5.8	—	—	17000	35000	28000	63000	-	--
10157	RIVER GANGA AT BATHING GHAT (JAJMAU BRIDGE)	UTTAR PRADESH	16	32	5.6	9.6	7.7	8.5	219	392	2.8	5.4	—	—	4300	25000	7000	54000	-	-
1147	GANGA AT DALMAU (RAI BAREILLY)	UTTAR PRADESH	17	27	7.0	10.6	7.9	8.7	201	458	2.8	4.1	0.78	0.86	2500	3600	3100	4100	-	-
2498	GANGA AT KALA KANKAR, RAEBARELI	UTTAR PRADESH	17	27	6.9	11.0	7.9	8.5	206	456	2.7	4.1	0.76	0.84	2400	3400	3100	4000	-	-
1046	GANGA AT ALLAHABAD (RASOOLABAD)	UTTAR PRADESH	22.3	32.5	7.3	12.2	7.6	8.4	154	261	2.1	3.2	1.28	1.61	4300	14000	9400	24000	-	-
2487	GANGA AT KADAGHAT, ALLAHABAD	UTTAR PRADESH	22.4	32.7	6.9	11.5	7.8	8.5	150	268	2.0	3.9	1.38	1.77	4600	14000	11000	27000	-	-
1049	GANGA AT ALLAHABAD D/S (SANGAM)	UTTAR PRADESH	22.6	32.8	6.8	11.5	7.8	8.4	236	283	2.0	3.4	1.39	1.83	3300	13000	8400	27000	-	-
10158	RIVER GANGA A/C TAMSA RIVER, SIRSA, SON BARSA	UTTAR PRADESH	22.7	32.8	7.0	11.7	7.7	8.2	246	276	1.8	2.9	1.35	1.69	3100	9400	7000	22000	-	-
2485	GANGA U/S, VINDHYACHAL, MIRZAPUR	UTTAR PRADESH	19	29.5	7.2	9.2	8.2	8.4	352	468	2.1	3.2	0.48	0.90	800	1300	1300	2700	-	-
2486	GANGA D/S, MIRZAPUR	UTTAR PRADESH	19	29.8	6.7	8.4	8.1	8.6	364	496	3.3	3.9	0.84	1.30	7000	11000	13000	22000	-	-
10153	RIVER GNAGA TA CHUNAR	UTTAR PRADESH	19	29.5	6.9	8.8	2.2	8.5	360	488	2.9	3.8	0.77	1.12	5000	8000	8000	14000	-	-
1070	GANGA AT VARANASI U/S (ASSIGHAT)	UTTAR PRADESH	20	31.5	7.2	10.0	8.1	8.4	364	512	1.7	3.3	0.12	0.24	500	1700	1100	3400	-	-
1071	GANGA AT VARANASI D/S (MALVIYA BRIDGE)	UTTAR PRADESH	20	31.5	6.5	7.9	7.9	8.7	392	528	3.4	4.2	0.15	0.40	11000	23000	17000	43000	-	-
10152	RIVER GANGA A/C GOMTI RIVER, BHUSAULA	UTTAR PRADESH	20.5	32.5	6.8	9.0	8.2	8.6	370	524	3.0	3.8	0.15	0.31	5000	11000	8000	17000	-	-
10156	RIVER GANGA AT BATHING GHAT (GOLA GHAT)	UTTAR PRADESH	16	32	5.6	10.1	7.7	8.6	236	384	2.6	4.6	-	-	2300	5400	4600	13000	-	-
1073	GANGA AT TRIGHAT (GHAZIPUR)	UTTAR PRADESH	20.5	32	6.5	7.8	8.1	8.7	388	535	3.3	4.3	0.19	0.38	11000	17000	21000	31000	-	-
1074	GANGA AT BUXAR	BIHAR	17	35	6.8	10.2	7.0	9.0	250	512	1.4	2.8	0.02	0.37	450	28000	2300	160000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10113	RIVER GANGA AT U/S JAIL GHAT, BUXAR	BIHAR	17	37	6.0	8.6	7.1	8.6	253	508	1.5	2.7	0.03	0.46	2100	28000	8400	160000	-	-
2551	GANGA AT BUXAR, RAMREKHAGHAT	BIHAR	17	36	6.0	8.3	7.5	8.7	257	523	1.9	2.8	0.02	0.54	1100	17000	9400	35000	-	-
3113	GANGA AT D/S BUXAR NEAR ROAD BRIDGE	BIHAR	16	34	6.3	8.5	7.2	8.8	248	629	1.5	2.7	0.02	0.51	170	17000	1600	54000	-	-
10131	RIVE GANGA AT U/S BARAHPUR BINDTOLI	BIHAR	19	32	6.2	9.3	7.5	8.8	236	411	1.3	2.2	0.14	0.73	1700	17000	11000	92000	-	-
10162	GANGA AT ARA-CHHAPRA ROAD BRIDGE (KOILWER BANURA- CHHAPRA ROAD)	BIHAR	18	35	5.7	9.8	7.3	8.3	250	505	1.4	2.0	0.02	0.36	1300	3900	3300	35000	-	-
2564	GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	BIHAR	17	33	7.3	9.8	7.3	8.1	237	457	1.4	2.5	0.10	0.21	1400	4000	2600	28000	-	-
10114	RIVER GANGA TA MAA AMBIKA ASTHAN, AAMI, SARAN	BIHAR	17	32	7.2	9.7	7.2	8.0	16	462	1.7	2.2	0.12	0.62	450	22000	14000	43000	-	-
3114	GANGA NEAR DANAPUR (NEAR PIPA PUL) ,PATNA	BIHAR	19	33	6.7	9.4	7.4	8.5	283	563	1.3	2.4	0.01	0.86	780	14000	3100	28000	-	-
1077	GANGA AT KURJI, PATNA U/S	BIHAR	18	33	6.3	9.0	7.4	8.5	257	563	1.3	2.0	0.03	1.00	2100	11000	2600	35000	-	-
2552	GANGA AT GANDHIGHAT, NIT AT PATNA	BIHAR	19	33	6.5	8.8	7.7	8.3	265	467	1.8	2.9	0.03	0.58	1400	26000	11000	35000	-	-
10115	RIVER GANGA TA GULABI GHAT, PATNA	BIHAR	19	34	5.6	8.5	7.4	8.4	263	465	1.8	2.8	0.03	0.82	1400	22000	6800	92000	-	-
1079	GANGA AT PATNA D/S (GANGA BRIDGE), GAIGHAT	BIHAR	19	34	6.3	8.8	7.7	8.6	250	479	1.7	2.6	0.11	1.00	1100	28000	11000	160000	-	-
3122	GANGA AT MALSALAMI, PATNA	BIHAR	18	33	7.0	9.5	7.3	8.5	247	458	1.5	2.6	0.02	0.80	1100	11000	4000	24000	-	-
4297	KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	BIHAR	18	34	6.6	9.8	6.6	8.5	262	456	1.2	2.1	0.02	0.78	1100	11000	5500	28000	-	-
10122	RIVER GANGA AT TRIVENI GHAT, PATNA	BIHAR	17	33	6.1	9.5	7.7	8.4	245	454	1.4	2.7	0.03	0.64	1400	21000	3300	28000	-	-
2553	GANGA AT KEWALA GHAT,FATUHA, PATNA	BIHAR	17	34	6.2	8.5	7.5	8.2	252	467	1.8	2.9	0.02	1.83	1100	22000	3800	92000	-	-
4301	BAKHTIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMALGOLA, PATNA	BIHAR	18	33	5.8	9.4	7.4	8.6	246	514	1.3	2.2	0.09	0.61	1700	17000	3100	54000	-	-
3115	GANGA RIVER AT BARH	BIHAR	19	33	6.1	9.8	7.5	9.9	238	462	1.3	2.2	0.03	0.62	1300	22000	7000	54000	-	-
10130	RIVER GANGA AT D/S NAWADGHAT, BARH, PATNA	BIHAR	18	32	6.0	9.6	7.5	8.9	240	475	1.1	2.3	0.10	0.58	1400	17000	3900	160000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1817	GANGA AT MOKAMA (U/S), MAHADEO ASTHAN, PATNA	BIHAR	18	33	6.1	9.4	7.4	8.8	237	452	1.1	2.6	0.14	0.90	1100	13000	1400	54000	-	-
1815	GANGA AT MOKAMA (D/S)	BIHAR	19	33	6.3	8.0	7.2	8.5	208	425	1.6	2.6	0.06	0.54	680	17000	14000	35000	-	-
3123	GANGA RIVER AT BARAHIYA, NEPALITOLA, MARANCHI, ;LAKSHISARAI	BIHAR	21	35	6.1	9.2	7.6	8.7	239	452	1.1	2.3	0.11	1.17	1100	14000	11000	35000	-	-
3116	GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	BIHAR	20	32	6.0	9.7	7.6	8.6	232	440	1.1	2.5	0.03	0.85	1100	17000	11000	160000	-	-
1818	GANGA AT MUNGER	BIHAR	21	32	5.8	9.6	7.6	8.5	234	436	1.5	2.5	0.05	0.60	1100	28000	14000	160000	-	-
3117	GANGA AT U/S SULTANGANJ, BHAGALPUR	BIHAR	18	32	6.1	9.5	7.4	8.7	242	427	1.5	2.3	0.07	0.50	1700	17000	9300	92000	-	-
4398	GANGA RIVER AT WATER INTAKE POINT, BHAGALPUR	BIHAR	18	34	6.1	8.7	7.5	9.1	239	512	1.3	2.8	0.05	1.06	1200	22000	4100	92000	-	-
2554	GANGA AT SULTANGANJ, BHAGALPUR	BIHAR	18	32	6.2	9.4	7.3	8.6	234	408	1.3	2.6	0.04	0.56	780	28000	3900	160000	-	-
10138	RIVER GANGA AT CHAMPANAGAR, BHAGALPUR	BIHAR	17	35	6.5	9.7	7.0	8.6	241	519	1.5	2.6	0.06	0.65	200	28000	2700	160000	-	-
1819	GANGA AT BHAGALPUR	BIHAR	18	32	6.1	8.6	7.6	8.3	224	505	1.4	2.5	0.01	0.91	780	17000	6800	92000	-	-
3118	GANGA AT U/S BHAGALPUR NEAR BARARIGHAT	BIHAR	13	34	6.0	8.5	7.6	8.6	244	500	1.9	2.7	0.01	0.52	930	35000	11000	160000	-	-
1816	GANGA AT KAHALGAON	BIHAR	18	32	6.1	9.5	7.5	8.6	221	429	1.1	2.3	0.07	0.56	200	17000	11000	160000	-	-
10143	RIVER GANGA D/S NEAR CREMATION GHAT	BIHAR	18	32	5.9	9.3	7.4	8.5	236	426	1.2	2.6	0.01	0.65	1400	14000	14000	160000	-	-
10144	RIVER GANGA U/S NEAR LCT GHAT	JHARKHAND	17	40	7.8	8.6	7.8	8.4	304	316	2.2	2.6	—	—	—	—	—	—	-	-
10145	RIVER GANGA D/S NEAR JANTA GHAT	JHARKHAND	18	44	8.0	8.6	7.6	8.4	312	320	2.2	2.6	—	—	—	—	—	—	-	-
10146	RIVER GANGA AT SANGI DALAN	JHARKHAND	19	39	8.2	8.6	8.0	8.3	312	318	2.2	2.8	—	—	—	—	—	—	-	-
1059	GANGA AT RAJMAHAL,	JHARKHAND	18	40	8.0	8.6	8.1	8.6	310	322	2.2	2.8	—	—	—	—	—	—	-	-
1080	GANGA AT BAHARAMPORE, MURSHIDABAD,	WEST BENGAL	17	37	4.9	11.2	7.4	8.5	198	380	0.8	4.8	0.28	0.73	7000	300000	14000	500000	-	-
10159	RIVER GANGA AT BEHRAMPORE (KHAGRA) MURSHIDABAD	WEST BENGAL	17	37	4.8	11.0	7.2	8.5	193	367	0.8	5.8	0.29	0.82	1300	280000	23000	350000	-	-
10160	RIVER GANGA AT BEHRAMPORE (GORA BAZAR) MURSHIDABAD	WEST BENGAL	17	37	4.8	11.0	7.5	8.5	207	383	0.8	8.0	0.25	0.89	8000	240000	26000	300000	-	-
2511	NABADIP ON GANGA, GHOSH PARA NEAR MONIPURGHAT, NADIA	WEST BENGAL	21	34	4.0	9.9	7.8	8.6	155	379	1.1	5.9	0.09	0.92	2000	170000	4000	220000	-	-



Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2506	TRIBENI ON GANGA, NEAR BURNING GHAT, HOOGHLY	WEST BENGAL	22	34	4.6	9.7	7.7	8.4	217	399	1.2	6.1	0.17	0.77	1300	220000	8000	300000	-	-
10161	RIVER GANGA AT PALTA, SHITALTALA,	WEST BENGAL	21	33	3.5	9.6	7.4	8.6	215	388	1.1	6.8	0.15	0.72	30000	1300000	50000	3000000	-	-
1054	GANGA AT PALTA	WEST BENGAL	21	33	4.2	9.4	7.4	8.5	206	384	1.1	6.8	0.09	1.05	11000	220000	30000	900000	-	-
1472	GANGA AT SERAMPORE, HOOGHLY, WEST BENGAL	WEST BENGAL	21	32	4.3	11.5	7.0	8.8	214	372	1.1	6.1	0.23	0.85	4000	240000	7000	500000	-	-
1053	GANGA AT DAKSHMINESHWAR, KOLKATA, WEST BENGAL	WEST BENGAL	20	34	4.7	7.8	7.1	8.6	252	569	2.7	5.5	0.14	2.15	33000	900000	49000	1600000	-	-
1471	GANGA AT HOWRAH-SHIVPUR WEST BENGAL	WEST BENGAL	19	35	3.7	7.7	7.3	7.9	262	575	1.7	6.4	0.05	3.01	26000	240000	80000	500000	-	-
1470	GANGA AT GARDEN REACH, KOLKATA, WEST BENGAL	WEST BENGAL	18	34	3.8	7.9	7.3	9.0	252	522	1.2	5.3	0.26	2.48	23000	900000	70000	1600000	-	-
1052	GANGA AT ULUBERIA , HOWRAH, WEST BENGAL	WEST BENGAL	21	35	4.0	7.5	7.2	8.0	301	826	1.4	5.4	0.05	6.32	2100	110000	11000	220000	-	-
1469	GANGA AT DIAMOND HARBOUR, 24 PARGANAS (S) WEST BENGAL	WEST BENGAL	19	36	4.3	7.8	6.8	8.0	319	8049	1.2	4.1	0.09	3.81	400	11000	1100	220000	-	-
1335	GANGA AT PATIKALI NEAR DURGA CHAK WEST BENGAL	WEST BENGAL	19	35	3.7	8.3	6.8	8.5	360	18090	0.5	3.9	0.07	3.67	2200	33500	11000	90000	-	-

Table - 4: Water Quality of River Yamuna (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1492	YAMUNA AT YAMUNOTRI	UTTARAKHAND	—	—	9.8	9.8	7.3	7.3	64	64	BDL	BDL	0.4	0.4	2	2	4	4	-	-
1493	YAMUNA AT HANUMANCHATTI	UTTARAKHAND	—	—	9	9	7.9	7.9	89	89	BDL	BDL	0.5	0.5	11	11	240	240	-	-
1494	YAMUNA AT U/S OF LAKHWAR DAM	UTTARAKHAND	16	19	8.8	10	7.5	8	156	224	BDL	1	0.4	0.4	22	45	50	5400	-	-
1490	YAMUNA AT U/S DAK PATHER,	UTTARAKHAND	17	20	8.6	9.2	7	7.9	121	121	1	1.2	—	—	70	170	60	280	-	-
1553	YAMUNA RIVER, U/S PAONTA SAHIB	HIMACHAL PRADESH	13	28	6.2	9.5	6.2	8	298	4560	0.2	1.4	—	1.2	14	21	32	63	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1554	YAMUNA RIVER, D/S PAONTA SAHIB	HIMACHAL PRADESH	9	24	6.3	9	6.4	8	286	5853	0.4	1.8	0.1	1.4	15	26	39	84	-	-
4439	RIVER YAMUNA U/S RANBAXY	HIMACHAL PRADESH	16	26	6.4	8.4	6.9	7.9	299	728	0.4	0.6	—	0.7	13	25	33	70	-	-
4440	RIVER YAMUNA D/S RANBAXY	HIMACHAL PRADESH	16	29	6.2	8.4	6.8	7.9	369	847	0.4	0.7	0.1	0.8	13	41	34	70	-	-
1117	YAMUNA AT HATHNIKUND, YAMUNANAGAR	HARYANA	20	29	4.8	8.1	7.7	8	128	3430	1.6	3	—	1.7	200	8000	1300	84000	-	-
1496	YAMUNA AT KALANAUR, YAMUNA NAGAR	HARYANA	20	28	4.5	9.2	7.5	8	128	3740	2	2.8	0.1	1.6	1300	40000	2700	426000	-	-
10004	RIVER YAMUNA AT KHOJIPUR PANIPAT	HARYANA	14	26	4.6	11.2	7.3	8.2	243	760	1.3	14	—	1.3	800	140000	3400	426000	-	-
1119	YAMUNA AT SONEPAT	HARYANA	—	—	7.6	9.8	7.1	8.9	226	768	BDL	11	—	1.5	23	94000	23	94000	-	-
1120	YAMUNA AT PALLA, DELHI	DELHI	16	33	6.8	13.2	7.3	8.9	232	618	1.7	8.8	0.6	1.5	20	4100	93	35000	-	-
1121	YAMUNA AT NIZAMUDDIN, DELHI	DELHI	14.7	32.5	BDL	2.4	6.9	7.3	589	1550	7.3	35	0.3	1.2	490000	9200000	490000	24000000	-	-
1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL), DELHI	DELHI	15.4	32	BDL	3.1	7	7.3	610	1240	6.7	28	0.2	1	68000	11000000	68000	17000000	-	-
1812	YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN, DELHI	DELHI	18.3	33.2	BDL	3.3	7	7.7	532	1741	8.4	63	0.3	0.8	220000	49000000	490000	49000000	-	-
1497	YAMUNA AT MAZAWALI, U.P	UTTAR PRADESH	—	—	0	5.9	7.1	7.6	486	1910	4.1	47	0.2	1.9	7800	1700000	11000	1100000	-	-
2493	RIVER YAMUNA AT SHAHPUR	UTTAR PRADESH	15	36	2.8	6.4	6.2	7.6	—	—	8	18	—	—	52000	120000	72000	160000	-	-
2495	YAMUNA AT KESIGHAT, VRINDAVAN	UTTAR PRADESH	15	36	4.8	6.1	7.1	7.8	—	—	7.8	11.6	—	—	49000	98000	64000	98000	-	-
1123	YAMUNA AT MATHURA U/S, U.P.	UTTAR PRADESH	—	—	0.6	10.5	7.1	8.1	489	1670	5.8	17	BDL	2.5	1100	35000	1700	79000	-	-
2494	YAMUNA AT VISHRAMGHAT, MATHURA	UTTAR PRADESH	15	36	3.4	6.2	7.1	7.8	—	—	8.6	14	—	—	52000	95000	70000	110000	-	-
1124	YAMUNA AT MATHURA D/S, U.P.	UTTAR PRADESH	—	—	3.5	6.8	7.1	7.8	556	1760	7.1	15	BDL	2	7800	240000	22000	920000	-	-
1125	YAMUNA AT AGRA U/S, U.P.	UTTAR PRADESH	—	—	1.1	7.4	7.1	7.9	604	1790	4.5	15	BDL	4.7	930	17000	1400	28000	-	-
1126	YAMUNA AT D/S OF AGRA, U.P.	UTTAR PRADESH	—	—	0.5	12.6	7	7.9	512	2000	5	21	0.2	3.5	200	79000	2600	140000	-	-
1498	YAMUNA AT BATESWAR, U.P	UTTAR PRADESH	—	—	3	16.9	6.9	8.9	502	1770	4.7	21	0.4	7.2	2	79000	2	350000	-	-
1127	YAMUNA AT ETAWAH, U.P.	UTTAR PRADESH	—	—	4.6	16.2	6.9	8.9	440	1720	4.2	18	0.3	10.1	2	24000	49	92000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1499	YAMUNA AT JUHIKA B/C WITH CHAMBAL, ETAWAH, U.P	UTTAR PRADESH	—	—	6.8	11.4	7.3	8.5	327	1220	2.1	12	0.2	3.6	2	110000	22	920000	-	-
2283	YAMUNA AT HAMIRPUR	UTTAR PRADESH	—	—	8.8	9.6	7.9	8.2	630	1092	5.6	5.7	—	0.8	450	790	450	790	-	-
1069	YAMUNA AT ALLAHABAD D/S (BALUA GHAT), U.P	UTTAR PRADESH	22.7	33	6.8	11.7	7.4	8.3	5	452	1.9	2.6	1.3	1.5	1700	7900	4600	14000	-	-

**Table - 4.1: Water Quality Of Tributary Streams - Tons, Giri, Hindon , Betwa, Kali Sindh, Ujad, Chambal, Parvati, Khan, Kshipra, Banganga, Suswa, Bhella, Dhella, Koshi, Gola, Kiccha, Pilkhar, Nandaur, Kalyani and Ramganga (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1510	TONS RIVER, SIRMAUR	HIMACHAL PRADESH	4	19	7.6	10.3	6.9	8.3	51	6324	0.2	2.3	0.1	2.2	11	47	26	1600	-	-
30023	TONS AT HARIPUR (U.K.)	UTTARAKHAND	-	-	10.6	10.6	7.9	7.9	127	127	1	1	0.5	0.5	130	130	240	240	-	-
4027	RIVER GIRI D/S RAJGARH TOWN	HIMACHAL PRADESH	12	28	6.3	9.9	7.6	8.3	274	521	0.2	1.5	0.1	0.8	9	21	25	41	-	-
4441	RIVER GIRI U/S PROPOSED SITE OF SRI RENUKAJI DAM SITE.	HIMACHAL PRADESH	16	28	6.4	7.9	7.2	8	274	677	0.4	0.9	0.3	0.6	9	17	31	46	-	-
4442	RIVER GIRI D/S PROPOSED SITE OF SRI RENUKAJI DAM SITE NEAR BRIDGE AT DADAHU- RENUKAJI	HIMACHAL PRADESH	15	28	6.4	9.2	7.2	8	265	470	0.3	4.8	0.1	0.6	10	17	33	48	-	-
4028	RIVER GIRI D/S LAIGIDHAR TRUST, BARU SAHIB	HIMACHAL PRADESH	12	28	6.4	9.8	7.6	8.2	274	534	0.4	1.7	0.1	0.5	14	24	34	49	-	-
4427	RIVER GIRI U/S CHAILLA	HIMACHAL PRADESH	9	23	7	8.9	7.6	8.1	120	160	0.5	1.4	0.2	1.9	2	22	84	280	-	-
2621	GIRI AT D/S YASHWANT NAGAR	HIMACHAL PRADESH			5.6	8.8	7.1	8.4	138	480	0.1	3.3	0.1	6.9	1.8	32	2	150	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min				Min	Max	Min	Max	Min	Max
2622	GIRI AT U/S CCI MINES	HIMACHAL PRADESH	13	28	6.5	10.2	7.1	8.2	392	1082	0.2	0.9	0.1	0.5	7	20	26	39	-	-
2623	GIRI D/S SATAUN	HIMACHAL PRADESH	11	27	6.4	11.2	7	8.3	478	1039	0.3	1.2	0.1	0.7	8	22	31	49	-	-
3877	GIRI RIVER U/S LWSS AT SAINJ	HIMACHAL PRADESH	5	24	7	10	6.8	8.6	120	189	0.4	1.5	0.2	2.1	1	31	58	280	--	-
3878	GIRI RIVER D/S LWSS AT SAINJ	HIMACHAL PRADESH	5	25	6.8	10.9	7.3	8.4	142	173	0.4	1.7	0.2	1.9	1	26	63	350	-	-
3860	GIRI RIVER D/S CEMENT CORPORATION OF INDIA, RAJBAN	HIMACHAL PRADESH	11	27	6.5	10.3	7	8.3	539	935	0.3	1.6	0.1	1.2	9	21	32	47	-	-
3876	GIRI RIVER AFTER CONFLUENCE OF ASHWANI RIVER AT GIRIPUL, YASHWANT NAGAR	HIMACHAL PRADESH	18	18	5.7	9.5	7.1	8.5	169	629	0.1	3.8	0.1	7.4	8.2	39	22	380	-	-
1357	HINDON AT SAHARANPUR D/S, U.P.	UTTAR PRADESH	22	24			7.5	8.1	700	780	40	54								
10098	RIVER HINDON AT MAHESHPUR U/S	UTTAR PRADESH	21	24			7.7	8.3	6.5	820	42	58								
10100	RIVER HINDON AT BARNAWA U/S	UTTAR PRADESH	14	24			7.3	7.7	760	890	62	72	21.8	24.5			120000	240000		
10101	RIVER HINDON AT BARNAWA D/S	UTTAR PRADESH	15	23			7.5	7.7	780	915	52	74	22.3	26.2			150000	240000		
10102	RIVER HINDON AT MOHAN NAGAR U/S	UTTAR PRADESH	16	26	0.2	2.2	6.1	8	288	885	15.4	67	0.6	2.8	1700	21000	17000	49000		
10103	RIVER HINDON AT MOHAN NAGAR D/S	UTTAR PRADESH	17	21.5			6.2	7.8	657	1683	30.2	90	0.6	3	21000	350000	120000	2100000		
10106	RIVER HINDON AT GHAZIABAD U/S	UTTAR PRADESH	16	26	0.2	2.6	6.6	7.8	265	820	8.5	67	0.6	2.8	920	210000	2200	350000		
1483	HINDON AFTER CONFL. WITH R. KRISHNA & KALI NEAR BINAULI TOWN, MEERUT, U.P.	UTTAR PRADESH					7.1	7.5	845	1090	21	126	0.3	1.5	49000	5800000	130000	2200000	550000	550000
2496	RIVER HINDON AT SARDHANA BUDHANA ROAD, VILLAGE BAPARSI, MEERUT	UTTAR PRADESH	15	24			7.4	7.8	180	1750	64	74	21.4	24.2			110000	210000		
1358	HINDON AT GHAZIABAD D/S, U.P.	UTTAR PRADESH	16	26			6.7	7.6	653	1505	33	82.6	0.7	3.4	24000	270000	150000	350000		
1356	BETWA BEFORE CONF. YAMUNA AT HAMIRPUR, U.P.	UTTAR PRADESH	21	37.3	5.1	7.9	7.8	8.7	224	936	5	6.1			1100	1700	11000	21000		
30079	BETWA AT SUKMA DUKMA DAM, JHANSI (U.P.)	UTTAR PRADESH	25.6	25.6	7.9	7.9	7.3	7.3	397	397	4.1	4.1	0.5	0.5	2	2	2	2		
1735	BETWA AT GOVIND SAGAR, U.P	UTTAR PRADESH	12.5	39	5.6	7.4	7.1	8.7	214	752	3.4	3.9			400	1300	1100	2100		

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min				Min	Max	Min	Max	Min	Max
1614	BETWA NEAR INTAKE POINT, VIDISHA, M.P	MADHYA PRADESH	19	28	6.5	10.9	7.7	8.4	242	3592	1.1	2.6	0.1	6.5	2	920	540	94000		
2107	RIVER BETWA AT U/S AT MAHUTA GHAT, AGASOD	MADHYA PRADESH	19	32	6.6	7.3	7.1	8.6	189	426	0.7	1.3					4	40		
2108	RIVER BETWA AT M/S J.P. THERMAL POWER, BINA	MADHYA PRADESH	19	32	6.5	7.5	7.3	8.4	195	425	0.7	1.3	0.1	0.1			3	38		
2119	BETWA AT NAYAPUR D/S MANDIDEEP INDL. AREA NO.1, DIST. RAISEN	MADHYA PRADESH	24	25	8.1	8.3	7.9	8	429	498	2.2	2.5	0.1	4.7	2	2	920	1600		
2121	BETWA NEAR ROAD BRIDGE, BHOJPUR	MADHYA PRADESH	20	26	7.8	8.3	7.6	8	489	768	2	2.7	0.1	7.2	2	26	150	1600		
2122	BETWA NEAR W/S INTAKE WELL POINT RAISEN	MADHYA PRADESH	18	30	7	7.9	7.8	8.1	308	386	1.6	2.9	0.1	4.5	2	2	350	54000		
2124	BETWA AT CHARANTIRGHAT, VIDISHA	MADHYA PRADESH	19	28	7	8.8	7.8	8.3	205	522	1.4	6.7	0.1	7.2	48	2400	350	160000		
2125	BETWA D/S AFTER MIXING OF RIVER BAIS AT VIDISHA	MADHYA PRADESH	19	23	6.9	9.5	7.5	8.2	432	474	2.9	6.7	0.1	14.1	220	2400	160000	160000		
3832	BETWA AT U/S NEAR ROAD BRIDGE ORCHHA	MADHYA PRADESH	24	32	6.7	7.5	7.2	8.2	193	2382	0.4	1.2	0.1	0.4			2	23		
30080	BETWA AT KANJI ROAD BRIDGE, ASHOK NAGAR (M.P.)	MADHYA PRADESH	25.3	25.3	8.2	8.2	7.2	7.2	616	616	1.1	1.1	0.9	0.9	2	2	2	2		
3833	BETWA AT RAJGHAT DAM, SAGAR	MADHYA PRADESH	21	30	6.5	7.1	7.3	8.2	183	491	0.7	1.1	0.1	0.5			1	94		
2953	KALI SINDH AT ANICUT OF M/S CFCL GADEPAN, KOTA, RAJASTHAN	RAJASTHAN	18	28	3.8	6.1	7.9	8.3	400	510	0.6	2.4	1.7	2.1	9	39	28	64		
2956	KALI SINDH AT BAROD ROAD BRIDGE, KOTA, RAJASTHAN	RAJASTHAN	19	29	4.2	5.8	8.2	8.5	420	670	1	2	1.8	2.5	9	39	28	93		
2950	DHANARI DAM, NEAR SWAROOPGANJ, SIROHI, RAJASTHAN	RAJASTHAN	13.5	26	4.2	5.4	7.4	8.1	160	460	1.1	2.8	1.7	3	9	39	39	150		
2951	BISULPUR DAM, TONK, RAJASTHAN	RAJASTHAN	17	31	4.1	7	7.6	8.5	270	590	0.4	1.7	1.6	2.1	7	39	20	75		
2952	NEAR NEWTA DAM, JAIPUR, RAJASTHAN	RAJASTHAN	15	32	BDL	4	8.3	8.8	1130	3500	3.9	35.7	1.8	3.2	64	150	210	460		
2945	CHHAPI DAM UPSTREAM , JHALAWAR, RAJASTHAN	RAJASTHAN	19	30	4.6	6.2	7.9	8.3	320	380	1.1	2.4	1.6	2.7	9	23	28	39		
2946	UJAD AT BHIM SAGAR DAM UPSTREAM , JHALAWAR, RAJASTHAN	RAJASTHAN	18	30	4.6	6.7	7.6	8.4	230	320	0.9	2.5	1.5	2.1	9	23	20	39		
2955	CHAMBAL ENTERING IN RAJASTHAN AT GANDHI SAGAR DAM, KOTA, RAJASTHAN	RAJASTHAN	19	32	3.4	6.4	7.9	8.8	220	490	0.8	2	1.7	2.2	7	75	28	150		

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min				Min	Max	Min	Max	Min	Max
3309	CHAMBAL AT TAL VILLAGE NEAR BRIDGE, UJJAIN	MADHYA PRADESH	23	26	6	7.6	7.4	8.2	452	1061	2	5.8	0.2	1.4	2	46	120	5400		
1365	CHAMBAL AT NAGDA U/S (WATER INTAKE POINT) M.P.	MADHYA PRADESH	22	29	6.5	7.6	7.2	8.2	293	753	1.6	2.6	0.1	1.7	2	13	46	84		
1366	CHAMBAL AT NAGDA D/S, M.P.	MADHYA PRADESH	23	29	0	6.7	7.1	8.2	560	10900	3	72	0.1	9.6	46	54000	350	160000	31	31
1432	PARVATI NEAR VILLAGE BATAODAPAR, M.P.	MADHYA PRADESH	12	31	6.8	7.9	7	8.8	288	1511	1.6	3.7	0.5	1.2	2	4	33	84		
2954	PARVATI BEFORE MEETING RIVER CHAMBAL AT KHATOLI, KOTA, RAJASTHAN	RAJASTHAN	19	30	4.3	6.9	8.2	8.6	440	750	1.2	2.6	1.8	2.1	7	39	21	75		
2109	PARVATI RIVER, GUNA	MADHYA PRADESH	11	30	7.1	8.2	7	8.6	299	1531	1.4	2.7	0.3	1.2	4	36	32	79		
2126	PARVATI A/C OF VINDHYACHAL NALLA, PILUKHEDI	MADHYA PRADESH	13	29	6	7.2	7.5	7.9	320	1509	2	2.8	0.3	1.4	4	6	40	110		
1367	KHAN AT KABIT KHEDI (NEAR INDORE) M.P.	MADHYA PRADESH	18	28	BDL	3.5	7.3	8	350	1650	8	40	2.4	18.4	150	5400	540	9200	170	700
2110	KHAN AT SAKKAR KHADI, INDORE	MADHYA PRADESH	18	28	BDL	4.4	7.1	8	759	1600	7	46	1.3	11.7	120	1400	350	5800	170	490
2111	KHAN AT SANWER	MADHYA PRADESH	18	29	BDL	6.1	7.5	8.6	693	1378	2.4	36	2.1	8.8	1	920	540	1600	79	170
1369	KSHIPRA AT RAMGHAT AT UJJAIN, M.P.	MADHYA PRADESH	23	34	6.3	8	7.6	8	536	1830	3.2	12.8	0.3	3	110	15000	920	160000		
1370	KSHIPRA AT TRIVENISANGAM (1 KM. D/S OF SANGAM), M.P.	MADHYA PRADESH	23	34	6.4	7.6	7.5	8.6	440	1052	2.4	7	0.3	3.2	17	12000	430	160000		
1468	KSHIPRA AT SIDDHAWAT (D/S) OF UJJAIN., M.P.	MADHYA PRADESH	23	34	5.7	7.3	7.7	8	549	1672	5	18	0.3	4.1	220	92000	1600	160000	23	23
3315	KSHIPRA AT GAUGHAT, UJJAIN	MADHYA PRADESH	23	34	6.4	7.6	6.9	8.4	512	1064	2.8	9	0.3	3.1	11	14000	120	160000		
3316	KSHIPRA AT U/S OF MAHIDPUR CITY, UJJAIN	MADHYA PRADESH	22	26	6.5	7.5	7.3	8.3	386	968	2	4	0.3	1.9	2	540	94	16000		
3317	KSHIPRA AT W/S INTAKE POINT OF DEWAS, UJJAIN	MADHYA PRADESH	21	25	7	7.4	7.1	8.1	249	390	1.5	2.4	0.3	0.9	1	68	46	82		
30037	BANGANGA AT U/S IDRISHPUR (U.K.)	UTTARAKHAND	-	-	8.6	8.6	7.3	7.3	429	429	1	1	0.2	0.2	5400	5400	16000	16000	-	-
2724	SUSWA RIVER AT MATHURAWALA, DEHRADUN	UTTARAKHAND	18	20	2.2	3	6.8	8.2	570	588	25	30	-	-	-	-	1600	1600	-	-
2734	BHELLA RIVER U/S KASHIPUR	UTTARAKHAND	12	38	3.2	7.2	6.9	7.8	156	540	1.5	6.6	-	-	-	-	-	-	-	-
2735	BHELLA RIVER AT LOHIYA BRIDGE D/S KASHIPUR	UTTARAKHAND	12	38	0.2	3	5.8	7.5	244	660	20	56	-	-	-	-	-	-	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min				Min	Max	Min	Max	Min	Max
2732	DHELLA RIVER U/S AT KASHIPUR MORADABAD ROAD BRIDGE	UTTARAKHAND	12	31	1.2	7.6	7.1	7.8	167	598	1.8	15	-	-	-	-	-	-	-	-
2733	DHELLA RIVER D/S AT THAKURDWARA ALIGANJ ROAD	UTTARAKHAND	12	31	0.2	3.6	6.8	7.9	176	830	6	60	-	-	-	-	-	-	-	-
2731	KOSHI RIVER AT KASHIPUR BAJPUR ROAD BRIDGE	UTTARAKHAND	12	38	3	8.2	7.1	8.1	210	580	2	12	-	-	-	-	-	-	-	-
2728	GOLA RIVER AT HALDWANI	UTTARAKHAND	10	22	6.8	7.6	7.3	7.8	180	260	1.2	1.8	-	-	-	-	-	-	-	-
2729	KICHHA RIVER AT KICHHA U.S. NAGAR	UTTARAKHAND	12	38	2.8	6.4	6.9	7.7	248	816	2	12	-	-	-	-	--	-	-	-
2730	PILKHAR RIVER AFTER BILASPUR RAMPUR	UTTARAKHAND	12	38	4.2	6.8	7.3	7.9	207	590	3.6	10	-	-	-	-	-	-	-	-
2736	NANDOUR RIVER U/S SITARGANJ INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	12	30	4	6.2	7.2	8.2	165	260	3.8	12	-	-	-	-	-	-	-	-
2737	NANDOUR RIVER D/S SITARGANJ INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	12	38	3.6	6.4	7.2	7.9	201	553	3.8	15	-	-	-	-	-	-	-	-
3439	KALYANI RIVER AT D/S PANTNAGAR INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	11	38	1.4	6.4	6.5	7.6	423	560	4	24	-	-	-	-	-	-	-	-
3438	KALYANI RIVER AT U/S PANTNAGAR INDL AREA, US NAGAR	UTTARAKHAND	11	38	3.2	6.8	7.1	7.8	340	520	4	10	-	-	-	-	-	-	-	-
1064	RAMGANGA AT KANNAUJ (BEFORE CONF.), U.P	UTTAR PRADESH	16	33	5.5	10.8	7.7	8.9	294	612	3.1	7.2	-	-	3200	8400	4100	20000	-	-
30078	RAMGANGA AT D/S KALAGARH DAM (U.K.)	UTTARAKHAND	27.8	27.8	8.2	8.2	7.3	7.3	175	175	-	-	0.5	0.5	2000	2000	7800	7800	-	-
30077	RAMGANGA AT D/S SHERKOT, KALAGARH (U.P.)	UTTAR PRADESH	28.2	28.2	8.3	8.3	7.4	7.4	177	177	-	-	0.5	0.5	2000	2000	13000	13000	-	-

**Table - 4.2: Water Quality Of Tributary Streams - Kali (E), Kalinadi, Varuna, Sai, Gomti, Rapti, Saryu, Ghaghara and Rihand (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2497	RIVER KALI EAST AT KHARKHODA-PARIKSHIT GARH ROAD, VILL. KOL, MEERUT	UTTAR PRADESH	16	23	-	-	7.3	7.8	1550	1930	36	68	22.4	24.4	-	-	110000	210000	-	-
1477	KALINADI AT U/S OF MUZAFFAR NAGAR U.P.	UTTAR PRADESH	-	-	6.2	9.3	7.1	7.6	417	682	3.5	5.5	0.1	1	450	4500	4900	17000	78	78
1478	KALINADI AT D/S OF MUZAFFAR NAGAR, U.P.	UTTAR PRADESH	-	-	-	-	7.1	7.1	834	1028	74	81	0.3	0.9	3300000	7000000	9400000	9400000	2100000	2100000
1065	KALINADI AT KANNAUJ (BEFORE CONF.), U.P	UTTAR PRADESH	16	32	5.7	9.8	7.7	8.4	202	750	3.6	6	-	-	1700	6300	5400	31000	-	-
30038	BANGANGA AT D/S SHUKRATAL (BEFORE CONFLUENCE OF LAKSAR DRAIN )	UTTAR PRADESH			5.2	5.2	7.1	7.1	284	284	1.6	1.6	0.9	0.9	5400	5400	9200	9200	-	-
2482	RIVER VARUNA AT RAMESHWAR, VARANASI	UTTAR PRADESH	21	32.5	7.5	8.4	8.2	8.6	346	506	2.4	3.9	0.1	0.3	1100	2200	2200	3400	-	-
2483	RIVER VARUNA B/C WITH RIVER GANGA AT VARANASI	UTTAR PRADESH	21	32.5	1.6	4.8	7.5	8.1	559	862	11.6	32.4	0.8	2.1	46000	180000	79000	280000	-	-
1361	SAI AT UNNAO AFTER DRAIN OUTFALL, U.P.	UTTAR PRADESH	16	31	5.6	8.5	7.3	8.7	200	448	2	3.4	0.3	0.7	2100	4100	4100	6300	-	-
2484	RIVER SAI AT JALALPUR, JAUNPUR	UTTAR PRADESH	21	32.5	6.7	8.6	8.2	8.6	348	468	3	3.9	0.1	0.3	4600	13000	9400	17000	-	-
1350	GOMTI AT SITAPUR U/S AT WATER INTAKE, U.P.	UTTAR PRADESH	18.3	27.1	3.3	11.2	7.5	8.9	164	498	1.8	4	0.3	2.5	450	4900	700	14000	-	-
1351	GOMTI AT LUCKNOW U/S AT WATER INTAKE POINT,	UTTAR PRADESH	18	33.8	3.2	10.9	7.4	8.9	190	508	2.8	5.2	0.9	2.1	2200	22000	3300	70000	-	-
1352	GOMTI AT LUCKNOW D/S,	UTTAR PRADESH	19	33.5	1.3	2.8	7.3	7.8	239	813	8.6	12.5	1.9	4.1	49000	350000	79000	540000	-	-
1353	GOMTI AT JAUNPUR D/S,	UTTAR PRADESH	21	32	6.7	8.3	8.1	8.8	360	508	3.3	4.1	0.2	0.4	8000	17000	14000	27000	-	-
1072	GOMTI AT VARANASI, U.P	UTTAR PRADESH	20.5	32	6.8	8.7	8.3	8.5	352	494	2.8	3.8	0.15	0.32	4300	11000	9400	17000	-	-
10083	RIVER GOMTI AT NEEMSAR U/S	UTTAR PRADESH	16	27.6	3.5	10.8	7.3	8.7	160	433	1.2	4.2	BDL	1.3	140	1700	940	3200	-	-
10084	RIVER GOMTI AT NEEMSAR D/S	UTTAR PRADESH	17	27.7	3.4	10	7.4	8.8	161	436	1.4	4.4	BDL	1.3	170	2300	1100	3400	-	-
10085	RIVER GOMTI AT BHATPUR U/S	UTTAR PRADESH	16.4	27.3	3.5	10.1	7.4	8.8	162	435	1.8	4.4	BDL	1.3	130	3300	790	4700	-	-
10086	RIVER GOMTI AT BHATPUR D/S	UTTAR PRADESH	16.6	27.5	3.1	9.6	7.5	8.8	164	437	2	4.8	0.6	1.5	170	4900	940	13000	-	-



Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10087	RIVER GOMTI AT GAUGHAT U/S	UTTAR PRADESH	18	33.8	3.2	10.7	7.4	8.9	190	507	3	5.4	0.9	2.2	2200	22000	3400	54000	-	-
10088	RIVER GOMTI AT GAUGHAT D/S	UTTAR PRADESH	18	33.8	3	10.4	7.4	8.8	198	510	3.2	5.6	0.9	2.2	2400	33000	3500	70000	-	-
10089	RIVER GOMTI AT MOHMEAK U/S	UTTAR PRADESH	18.5	34	2.2	3.8	7.3	7.9	199	590	7	10	1.4	3	17000	170000	21000	240000	-	-
10090	RIVER GOMTI AT MOHMEAK D/S	UTTAR PRADESH	18.5	34	1.2	3.4	7.3	7.8	203	601	7.5	10.4	1.7	3	17000	240000	22000	540000	-	-
10091	RIVER GOMTI AT PIPRAGHAT U/S	UTTAR PRADESH	19	33.5	1.7	2.9	7.3	8.8	226	810	8	10.6	1.9	3.8	33000	92000	70000	160000	-	-
10092	RIVER GOMTI AT PIPRAGHAT D/S	UTTAR PRADESH	19	33.5	1.4	2.4	7.3	7.8	239	814	9	11.2	2	3.9	49000	170000	79000	220000	-	-
10093	RIVER GOMTI AT GANGAGANJ U/S	UTTAR PRADESH	19.5	33	3.3	4.9	7.3	8.8	194	592	3.4	6.5	1	1.7	2200	46000	4000	70000	-	-
10094	RIVER GOMTI AT GANGAGANJ D/S	UTTAR PRADESH	19.5	33	3.4	5.5	7.4	8.7	192	577	3	5.6	1	1.7	1700	33000	3300	49000	-	-
10095	RIVER GOMTI AT SULTANPUR U/S	UTTAR PRADESH	19	28	5.9	8	7.7	8.2	298	471	4.2	4.9	0.8	0.9	4600	5900	7000	8300	-	-
10096	RIVER GOMTI AT SULTANPUR D/S	UTTAR PRADESH	19	28	6.1	8	7.7	8.2	289	469	4.3	4.8	0.8	0.9	4300	5600	6800	8400	-	-
10097	RIVER GOMTI AT JAUNPUR U/S	UTTAR PRADESH	21	32	7.3	9.2	8.2	8.4	338	478	2.2	3.5	0.1	0.3	700	1700	1400	3400	-	-
2491	RIVER RAPTI AT RAIGHAT, GORAKHPUR	UTTAR PRADESH	16	33	6.2	7.8	7	7.7	226	398	5	6	-	-	2500	27000	7900	48000	-	-
1363	RAPTI AFTER CONFL. OF R. HONIN NR. DOMINGARH RLY BRIDGE, GORAKHPUR, U.P.	UTTAR PRADESH	14	33	6.4	8.7	7	8.1	242	344	3.2	5.4	-	-	2100	21000	11000	35000	-	-
1354	SARYU AT AYODHYA AT MAIN BATHING GHAT, U.P.	UTTAR PRADESH	16	26	9	10.8	7.7	7.9	189	411	2.6	3.4	0.2	0.8	2400	24000	3100	31000	-	-
1355	GHAGHARA AT DEORIA D/S, U.P.	UTTAR PRADESH	14	33	6.6	7.8	7	7.8	236	2332	3.6	5.8	-	-	1300	14000	8400	33000	-	-
2492	RIVER GHAGHARA AT BARHALGANJ, GORAKHPUR	UTTAR PRADESH	18	33	6.6	8	6.8	7.8	228	392	3.7	5.8	-	-	1300	18000	6300	36000	-	-
1076	GHAGHARA NEAR CHAPRA, RIBILGANJ, SARAN	BIHAR	18	32	7.6	9.8	7.3	8.2	196	350	1.1	2.7	0.2	0.39	200	17000	1100	35000	-	-
1359	RIHAND AT RENUKUT U/S, U.P.	UTTAR PRADESH	18.5	29	7.8	9.9	8.2	8.3	222	266	1.3	2.8	0.2	0.7	200	500	800	1700	-	-
1360	RIHAND AT RENUKUT D/S, U.P.	UTTAR PRADESH	18.5	29	7.6	9.5	8.1	8.5	240	282	2	3.3	BDL	0.8	500	2200	1400	4300	-	-

**Table - 4.3: Water Quality Of Tributary Streams - Sone, Gandak, Sikrana, Burhi Gandak, Harbora, Kamla, Koshi, Daha, Dhous, Ramrekha, Sirsiya, Bagmati, Manusmar, Poonpun, Kohra, Harha, Lakhandei and Gangi (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1075	SONE AT KOELWAR, BHOJPUR	BIHAR	13	34	6.4	9.3	7	8.7	175	311	1.4	2.4	0.01	0.77	930	17000	11000	160000	-	-
3121	SONE RIVER NEAR BANZARI, ROHTAS	BIHAR	19	34	6	9.2	7.6	8	163	290	1.3	2.3	0.2	0.5	610	13000	1100	22000	-	-
3127	SONE RIVER AT BAHYARA, BHOJPUR	BIHAR	19	34	7	9.3	7	8.6	173	309	1.1	2.6	0.2	0.4	1100	7000	5500	160000	-	-
3128	SONE RIVER AT NASIRIGANJ DAM, ROHTAS	BIHAR	14	37	6.2	8.7	7.4	8.1	105	278	1.4	2.4	0.2	0.3	400	9400	2600	28000	-	-
2556	SONE AT INDRAPURI, DEHRI ON SONE, ROHTAS	BIHAR	18	35	6.5	9.4	7.4	8	102	268	1.1	1.9	0.2	0.6	680	7000	5500	28000	-	-
4406	SONE AT OBRA, AURANGABAD	BIHAR	14	38	6.3	9.6	7.6	8.4	12	509	1.4	2.8	0	0.3	1100	35000	17000	160000	-	-
4407	SONE AT WATER INTAKE POINT BHARTIYA RAIL BIJALI CO. LTD (BRBCL) NAVINAGAR, AURANGABAD	BIHAR	24	35	6	8.3	7.7	8	146	306	1.5	2.3	BDL	0.5	200	2600	7900	22000	-	-
4298	ROAD BRIDGE-DEHRI-ON-SONE, ROHTAS	BIHAR	19	36	6.3	8.9	7.3	8	137	264	1.7	2.3	0.2	0.7	1400	11000	6300	28000	-	-
1078	GANDAK AT SONEPUR, PATNA (B/C GANGA), SARAN	BIHAR	13	31	7	9.2	7.5	8.5	218	350	1.4	2.4	0.2	0.21	1700	14000	7900	35000	-	-
2568	GANDAK AT REWAGHAT, MUJAFFARPUR	BIHAR	14	29	7.5	9.2	7.2	8.3	216	343	1.4	2.4	0.2	0.3	1300	8400	6300	15000	-	-
3125	GANDAK RIVER GOPALGANJ PIPRAKOTHI ROAD BRIDGE (DUMARIA GHAT)	BIHAR	15	31	7.2	9.8	7.3	8.1	217	355	1.1	2.5	0.2	0.3	2700	9400	7000	35000	-	-
10126	GANDAK AT KONHARA GHAT, VAISHALI	BIHAR	14	31	7.4	9.1	7.8	8.5	212	380	1.5	2	0.2	0.2	3600	17000	5500	33000	-	-
10163	GANDAK AT ROAD BRIDGE, U/S HAJIPUR	BIHAR	14	32	7.5	9.3	7.5	8.5	187	395	1.6	2.5	0.2	0.1	200	7400	3300	33000	-	-
2575	SIKRANA RIVER AT LAL PARSE, BITTIAH, EAST CHAMPARAN	BIHAR	17	34	5.4	8.5	7.4	8.1	214	475	1.4	4	0.2	1.3	1100	14000	3300	35000	-	-
1820	SIKRANA AT CHANPATIYA, EAST CHAMPARAN	BIHAR	16	34	BDL	8.1	7.1	8	245	724	1.6	7	0.1	0.9	1300	35000	3900	160000	-	-
3134	SIKRANA RIVER AT LAUREA, HARINAGAR ROAD BRIDGE	BIHAR	15	35	6.2	9	7.5	8.1	210	433	1.7	2.7	0.2	1	1100	28000	3300	160000	-	-
4291	SIKRANA AT LAURIA-NARKATIAGANJ ROAD BRIDGE, WEST CHAMPARAN	BIHAR	16	34	BDL	8	7.3	7.8	258	768	1.6	10	0.3	0.9	780	35000	9300	160000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2570	BURHI GANDAK AT Z ROAD BRIDGE, SAMASTIPUR	BIHAR	17	35	7.3	10	7.7	8.7	193	445	1.3	2.5	0.2	0.6	680	28000	2100	160000	-	-
3124	BURHI GANDAK RIVER U/S ROAD BRIDGE MUZAFFARPUR (NH)	BIHAR	14	33	6.5	10.2	7.7	8.2	200	506	1.3	2.6	0.2	0.4	400	35000	5500	160000	-	-
2562	BURHI GANDAK AT AKHARAGHAT, MUZAFFARPUR	BIHAR	14	36	6.4	10	7.6	8.3	216	500	1.8	2.8	0.1	0.6	3100	54000	5500	160000	-	-
4403	BURHI GANDAK AT BARACHAKIA, EAST CHAMPARAN	BIHAR	17	35	6.8	8.2	7.4	8.3	312	445	1.6	2.3	0	0.3	1100	21000	1400	160000	-	-
4300	BURHI GANDAK AT LAL BAGLA GHAT, MOTIHARI DHAKA ROAD, EAST CHAMPARAN	BIHAR	17	34	4.2	8.6	7.2	8.8	218	454	1.5	9.9	0.2	0.3	1700	14000	5500	35000	-	-
4295	BURHI GANDAK AT KHAGARIA ROAD BRIDGE, KHAGARIA	BIHAR	18	31	6.1	9.6	7.6	8.4	259	579	1.7	2.8	0.2	0.5	400	11000	2400	28000	-	-
3126	U/S HARBORA RIVER, WEST CHAMPARAN	BIHAR	17	35	5.1	9.8	7.3	8.1	235	451	1.2	2.5	0.2	0.7	450	22000	4900	160000	-	-
2558	HARBORA RIVER AT NARKATIAGANJ, WEST CHAMPARAN	BIHAR	17	35	3.2	8.5	7.1	8	259	483	1.3	8	0.3	0.6	6100	17000	7900	92000	-	-
2567	KAMLA RIVER AT BENIPATTI (MADHUBANI)	BIHAR	16	33	5.4	9.8	7.4	8.1	169	423	1.6	2.8	0.2	0.3	1700	22000	5500	92000	-	-
2569	KAMLA RIVER AT DARBHANGA	BIHAR	16	33	4.4	9.8	7.2	7.9	116	518	1.5	2.3	0.2	0.4	1500	54000	6300	160000	-	-
3133	KAMLA RIVER AT JAYNAGAR	BIHAR	16	30	6.6	10	7.6	8.6	175	438	1.4	2.4	0.2	0.4	2000	35000	6300	160000	-	-
4299	KAMLA AT JEEWACH GHAT, DARBHANGA	BIHAR	19	32	5.1	10	7.3	7.9	32	314	1.7	2.4	0.2	0.3	1400	22000	1700	92000	-	-
2565	KOSHI RIVER AT KURSHELA AT KATIAR	BIHAR	17	31	6.4	9.3	7.7	8.1	110	243	1.6	2.6	0.2	0.2	1100	13000	2600	17000	-	-
2566	KOSHI RIVER AT MADHEPURA	BIHAR	17	33.5	6.6	9	7.1	7.8	193	342	1.8	2.9	0.2	0.2	180	22000	3300	35000	-	-
3137	KOSHI RIVER AT BEERPUR,	BIHAR	12	33	6.5	10.5	6.5	8	207	347	1.2	2.3	0.2	0.1	780	4500	1100	28000	-	-
1821	DAHA AT SIWAN	BIHAR	15	32	BDL	9	7.2	7.9	333	1380	2.2	6	0.2	0.8	680	17000	11000	35000	-	-
4397	DAHA RIVER D/S RAJENDRA ROAD BRIDE SIWAN	BIHAR	18	32	6.3	9.5	7.2	7.9	425	1730	2.4	10	BDL	0.8	930	17000	2700	35000	-	-
2560	D/S DAHA RIVER AT SASAMUSA, GOPALGANJ	BIHAR	14	26	6	7.3	7.3	8	407	540	2	2.8	0.2	0.2	6100	11000	14000	22000	-	-
2561	DAHA RIVER AT ITWA BRIDGE, GOPALGANJ	BIHAR	16	28	5.5	9.2	7.3	7.8	334	660	1.4	2.9	0.2	0.1	3100	17000	7000	54000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3129	DAHA RIVER AT MEERGANJ	BIHAR	18	29	6	8.4	7.2	8	396	600	1.6	2.8	0.2	0.3	2200	17000	6800	54000	-	-
4292	DAHA AT U/S SASAMUSA, GOPALGANJ	BIHAR	14	25	6.1	8.6	6.7	7.8	401	524	1.9	2.6	0.3	0.1	1300	4000	4900	11000	-	-
1823	DHOUS AT MADHUVAPUR, MADHUBANI	BIHAR	17	34	4.5	9.7	7.3	8	181	376	2	5.6	0.2	0.4	2000	28000	6800	160000	-	-
4405	RIVER DHOUS AT MADHWAPUR, MADHUBANI	BIHAR	25	36	4.8	8.7	7.2	8	199	493	1.7	5.6	0.1	0.3	1700	28000	17000	92000	-	-
2559	RAMREKHA RIVER AT HARINAGAR, WEST CHAMPARAN	BIHAR	16	36	BDL	5.6	6.2	7.7	224	905	2	12	0.2	1.2	1400	22000	11000	160000	-	-
3130	RAMREKHA RIVER AT U/S HARINAGAR, WEST CHAMPARAN	BIHAR	16	36	BDL	6	6.7	7.7	24	479	1.6	8.4	0.2	1	1700	21000	6300	160000	-	-
1822	SIRSIYA AT RAXAUL, EAST CHAMPARAN	BIHAR	17	33	BDL	4.4	6.8	7.6	487	894	2.8	30	0.2	4.1	1700	54000	11000	160000	-	-
3136	SIRSIYA RIVER D/S RAXAUL (KOERIA TOLA), EAST CHAMPARAN	BIHAR	17	33	BDL	5.1	6.9	7.5	468	907	2.6	30	0.2	3.9	11000	54000	22000	160000	-	-
3132	BAGMATI RIVER AT MUZAFFARPUR- SITAMARHI ROAD BRIDGE, SITAMARHI	BIHAR	16	33	7.1	9.4	7.5	8.5	8	464	1	2.2	0.1	1	1100	22000	1400	160000	-	-
3135	BAGMATI RIVER AT DARBANGA, SAMASTIPUR ROAD BRIDGE,	BIHAR	20	36	7	10	7.5	8.8	212	404	1.6	2.6	0.2	0.9	2400	54000	6100	92000	-	-
3131	U/S MANUSMAR RIVER (RIGA), SITAMARHI	BIHAR	16	32	7	8.9	7.4	8.2	237	566	1.3	2.5	0.2	0.3	780	17000	2700	92000	-	-
2563	MANUSMAR RIVER AT RIGA, SITAMARHI	BIHAR	17	32	BDL	8	6.5	8.3	251	498	1.4	6	0.2	0.5	450	28000	3300	160000	-	-
4402	MANUSMAR AT PARSHURAMPUR, RIGA - BELSUND ROAD,	BIHAR	18	33	2.7	7.2	7	7.8	334	543	1.8	5.2	BDL	0.5	930	14000	1400	54000	-	-
3119	POONPUN RIVER NEAR POONPUN RAIL BRIDGE, PATNA	BIHAR	19	35	6	8	7.1	8.3	225	449	1.6	2.8	0.2	0.5	1700	17000	9300	35000	-	-
3120	POONPUN RIVER NEAR KINZER ROAD BRIDGE, JEHANABAD	BIHAR	20	35	5.8	9.9	7.6	8.2	190	454	1.4	2.6	0.2	0.5	360	11000	1100	28000	-	-
4293	U/S KOHRA, RAJ GHAT, MANJHAULIA, WEST CHAMPARAN	BIHAR	17	35	4.5	8.9	7.3	8.3	279	666	1.7	2.4	0.3	0.6	1400	22000	7000	35000	-	-
4294	D/S KOHRA, RAJ GHAT, MANJHAULIA,	BIHAR	17	35	1.5	7.8	6.5	8.1	28	809	2.3	8.0	0.3	1.1	180	28000	11000	160000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4399	HARHA RIVER AT BAGHA, LAURIYA ROAD BRIDGE	BIHAR	18	33	3.7	7.6	7.5	8.1	205	462	1.7	2.2	0	0.5	1100	14000	7000	92000	-	-
4400	RIVER LAKHANDEI SITAMARHI U/S	BIHAR	16	30	6.1	7.5	7.4	8.1	359	561	1.8	3.1	0	0.2	820	35000	1400	160000	-	-
4401	RIVER LAKHANDEI SITAMARHI D/S	BIHAR	18	31	3.5	6.3	7.1	7.8	436	1160	1.8	3.2	0	0.3	830	17000	1200	28000	-	-
4404	GANGI AT ARA, D/S	BIHAR	28	37	0.8	7.6	7.3	7.9	241	1030	1.9	8	0.1	0.3	3300	1700000	21000	2800000	-	-

**Table - 4.4: Water Quality Of Tributary Streams –Bichia, Sankh, Gopad, Kariyari, Newaj, Chamla, Choupan, Gour and Jamuni (2019)**

Station Code	LOCATION	STATE	Temperature		Dissolved Oxygen		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (Mg/L)		Nitrate		Faecal Coliform		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
			(° C)		(mg/ L)								(mg/ L)		(MPN/ 100 mL)					
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2117	BICHIA, BRIDGE GOVINDGARH ROAD	MADHYA PRADESH	20.5	35	5.2	6.5	7.5	7.8	308	526	2.2	3.4	0.2	0.8	2	61	47	140	-	-
1433	SANKH AT TIGRA RESERVOIR, M.P.	MADHYA PRADESH	11	30	6.5	8.5	7	8.8	160	1393	1.2	2.5	0.4	1.2	2	4	2	84	-	-
1610	SONE AT ORIGIN AMARKANTAK, M.P	MADHYA PRADESH	19.2	30	6.8	7.3	7.4	7.7	173	236	0.1	1.8	0.3	0.4	-	-	1.8	2	-	-
1142	SONE AT CHACHAI, M.P.	MADHYA PRADESH	22.5	31	6.9	7.8	7.7	8	289	3267	1	7.8	0.3	0.9	2	2	27	63	-	-
1371	SONE AT AMLAI, M.P.	MADHYA PRADESH	22.4	31	7	7.8	7.6	7.9	286	789	0.8	2	0.3	1.1	-	-	33	70	-	-
1612	SONE AT DEVLOAD OUT LET OF BANSAGAR DAM, M.P	MADHYA PRADESH	22	30.5	0.7	7.9	7.7	7.9	253	616	0.6	1.6	0.3	0.6	-	-	27	63	-	-
3327	SONE AT AMLAI, 100 METRE D/S AFTER MIXING OF ATPS EFFLUENT, REWA	MADHYA PRADESH	22.6	31.2	6.8	7.7	7.7	8.1	312	3568	1.2	2.0	0.4	1.2	-	-	38	70	-	-
3834	SONE AT CHITAWAL NEAR ROAD BRIDGE CHITRANGI, DIST SINGROULI	MADHYA PRADESH	20.2	32	6.5	7.6	7.2	7.8	60	365	1.6	1.9	0.4	2.4	-	-	11	17	-	-
3836	SONE ON KACHAN DAM NEAR IMILYA NORTH COAL MINES VILL MAJHOULI, DIST SINGROULI	MADHYA PRADESH	20.2	34	6.2	7.7	7.4	7.8	110	560	1.8	1.9	0.4	0.6	-	-	9	21	-	-
3846	SONE AT JARWAHI NEAR ROAD BRIDGE, SHAHDOL	MADHYA PRADESH	22.8	31	7	7.9	5.4	7.9	296	792	0.7	1.7	0.3	0.8	-	-	27	63	-	-
30082	SONE DEORA U/S RIHAND (M. P.)	MADHYA PRADESH	21.2	21.2	7.8	7.8	7.6	7.6	215	215	1.7	1.7	0.5	0.5	4500	4500	17000	17000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal - Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3851	SONE NEAR BHANVARSEN ROAD BRIDGE AFTER CONFLUENCE OF BANAS RIVER, DIST SIDHI	MADHYA PRADESH	21	35	6.3	7.7	7.3	7.7	316	624	0.8	1.4	0.1	0.3	2	2	25	47	-	-
3835	GOPAD AT NIGARI, SARAI DIST, SINGROULI	MADHYA PRADESH	20.2	32	6	7.6	7.1	7.6	60	350	1.4	1.7	0.4	2.4	-	-	11	21	-	-
1607	GOHAD DAM, GOHAD, M.P	MADHYA PRADESH	26	29	4	7.8	7.2	8.7	315	1424	1.8	2.8	0.2	1.0	4	6	110	170	-	-
3313	KARIYARI U/S BEFORE MIXING WITH WASTE WATER OF M/S J.P. CEMENT, REWA	MADHYA PRADESH	20.1	29	6.4	7	7.2	7.6	293	587	1.0	2.2	0.3	0.4	2	4	21	39	-	-
3314	KARIYARI 100 MTR. D/S AFTER MIXING WITH WASTE WATER OF M/S J.P. CEMENT, REWA	MADHYA PRADESH	19.9	29	5.9	6.8	7.3	7.7	319	613	1.2	1.5	0.2	0.4	2	4	27	58	-	-
3319	NEWAJ AT W/S INTAKE POINT, SHUJALPUR, UJJAIN	MADHYA PRADESH	21	24	6.4	7.5	7.3	7.8	144	7115	2.0	3.5	0.6	1.2	2	36	40	210	-	-
3320	NEWAJ AT U/S NEAR W/S INTAKE POINT, RAJGARH, GUNA	MADHYA PRADESH	13	32	6	8.6	7	8.8	188	1214	1.4	1.8	0.4	1.2	2	2	26	43	-	-
3310	CHAMLA AT W/S INTAKE POINT BADNAGAR, UJJAIN	MADHYA PRADESH	22	26	6.8	7.9	7.6	7.9	312	690	1.8	3.4	0.1	1.0	2	33	48	220	-	-
3306	CHOUPAN AT VIJAYPUR U/S NFL NALLA, GUNA	MADHYA PRADESH	12	30	6.3	8	7.2	8.4	177	503	1.4	2.1	0.4	0.9	2	2	24	48	-	-
3307	CHOUPAN AT VIJAYPUR 100 METRE D/S OF NFL NALLA, GUNA	MADHYA PRADESH	7.2	31	5.7	7.2	7.2	9.3	198	855	1.8	2.3	0.6	0.9	2	4	33	58	-	-
2100	GOUR RIVER BHOGA DOOR, JABALPUR	MADHYA PRADESH	16.8	30.3	7.3	7.6	7.3	8.3	220	3420	1.3	1.9	0.1	1.7	1.8	12	39	48	-	-
3311	JAMUNI AT BARIYAGHAT U/S NEAR INTAKE POINT, TIKAMGARH	MADHYA PRADESH	23	34	6.6	7.3	7.2	8.7	207	410	0.4	1.3	0.3	0.4	-	-	3	24	-	-

**Table - 4.5: Water Quality Of Tributary Streams - Jumar, Konar, Garga, Nalkari, Bokaro, Sankh, Damodar, Churni, Jalangi, Rupnarayan, Dwarka and Dwarakeshwar (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4085	JUMAR RIVER AT BIT MESRA, RANCHI	JHARKHAND	13	30	4.2	8.4	6.5	7.6	-	-	2.6	5.3	-	-	140	150	750	930	-	-
2396	JUMAR AT KANKE DAM	JHARKHAND	10	29	4.9	8.6	6.5	8	-	-	3.0	3.8	-	-	140	150	750	930	-	-
3554	KONAR RIVER NEAR SWANG COAL WASHERY, BOKARO	JHARKHAND	18.5	36.5	7.3	7.6	7.2	7.6	-	-	2.1	2.6	-	-	-	-	-	-	-	-
2388	KONAR AT TILAYA DAM	JHARKHAND	20	40	7.2	8.4	7.1	7.4	-	-	1.2	2.7	-	-	-	-	-	-	-	-
2389	KONAR AT KONAR DAM	JHARKHAND	19.5	39	7.2	8.7	7.2	7.4	-	-	1.3	2.6	-	-	-	-	-	-	-	-
2390	KONAR AT TENUGHAT DAM	JHARKHAND	17	36	7.5	7.9	7.4	7.7	-	-	0.7	1.2	-	-	-	-	-	-	-	-
4000	GARGA RIVER NEAR TELMUCHO BRIDGE	JHARKHAND	16	38	5.5	7.2	6.2	7.5	-	-	4.3	4.9	-	-	-	-	-	-	-	-
2379	NALKARI TRIBUTARY AT PATRATU	JHARKHAND	20	41.5	3.8	6.9	6.6	7.3	-	-	1.7	2.8	-	-	-	-	-	-	-	-
2381	BOKARO AT ZARANGDIH BRIDGE	JHARKHAND	19.5	36	7	7.5	7.2	7.5	-	-	2.1	2.7	-	-	-	-	-	-	-	-
1034	SANKH AT BOLBA,	JHARKHAND	11	29	8.1	8.6	7.1	7.5	-	-	1.9	2.5	-	-	140	150	750	930	-	-
2378	DAMODAR D/S BHAIRABI AT RAJRAPPA	JHARKHAND	18.5	41.5	7	8.6	7.2	7.4	-	-	1.3	2.9	-	-	-	-	-	-	-	-
3555	DAMODAR RIVER NEAR ZARANGDIH BRIDGE, BOKARO	JHARKHAND	19	36	7.4	7.7	7.5	7.6	-	-	1.4	2.4	-	-	-	-	-	-	-	-
4083	DAMODAR RIVER NEAR ROHINI PROJECT, NK AREA, PO-DAKRA, RANCHI	JHARKHAND	19	23	8	8.3	7.2	7.4	-	-	2.6	2.7	-	-	140	150	750	930	-	-
3553	DAMODAR RIVER NEAR TELMUCHO BRIDGE	JHARKHAND	17	37.5	7.3	7.6	7.3	7.6	-	-	1.0	2.5	-	-	-	-	-	-	-	-
3556	CONFLUENCE OF BOKARO & DAMODAR RIVER NEAR ZARANGDIH BRIDGE,	JHARKHAND	19	37	7.2	7.6	7.4	7.5	-	-	2.0	2.4	-	-	-	-	-	-	-	-
3557	DAMODAR RIVER NEAR BERMO RAILWAY STATION, BOKARO	JHARKHAND	18.5	37	7.4	7.5	7.2	7.5	-	-	1.8	2.8	-	-	-	-	-	-	-	-
2382	DAMODAR AT PHUSRO ROAD BRIDGE	JHARKHAND	18	36	7.3	7.5	7.4	7.5	-	-	2.0	2.6	-	-	-	-	-	-	-	-
2380	DAMODAR AT RAMGARH ROAD BRIDGE	JHARKHAND	20	42	7	8.2	7.2	7.4	-	-	2.1	3.5	-	-	-	-	-	-	-	-
2383	DAMODAR U/S JAMADOBA WATER WORKS	JHARKHAND	18	39	7.2	7.7	7.3	7.6	-	-	1.0	2.3	-	-	-	-	-	--	-	-
2384	DAMODAR AT DOMGARH WATER WORKS D/S SINDRI	JHARKHAND	19	39.5	7.3	7.6	7.3	7.6	-	-	0.9	2.2	-	-	-	-	-	-	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2391	DAMODAR AT PANCHET DAM	JHARKHAND	16	37	7.4	7.8	7.4	7.6	-	-	0.8	1.6	-	-	-	-	-	-	-	-
1331	DAMODAR AT DISHERGARH VILL.(NR.JHARKHAND-WEST BENGAL BORDER) , BURDWAN, WEST BENGAL	WEST BENGAL	19	34	7.6	10.4	7	8.4	189	390	1.5	4.0	0.1	1.0	1200	6300	2000	11000	-	-
1332	DAMODAR AT D/S OF IISCO AFTER 3RD OUTFALL AT DHENNA VILLAGE, BURDWAN, WEST BENGAL	WEST BENGAL	21	35	7.6	9	7.1	8.3	156	407	1.7	3.2	0.3	0.9	1500	11000	2100	22000	-	-
1333	DAMODAR AT NARAINPUR AFTER CONFL. OF NUNIA NALLAH, BURDWAN, WEST BENGAL	WEST BENGAL	21	35	7.2	10.8	7.2	8.5	327	520	1.2	3.7	0.1	0.9	920	8000	1400	17000	-	-
1334	DAMODAR NEAR MUJHER MANA VILLAGE AFTER CONF. OF TamLA NALLAH, BURDWAN, WEST BENGAL	WEST BENGAL	18	34	6.5	8.2	7.1	8.3	292	1049	2.2	5.2	0.1	1.0	5800	17000	7000	160000	-	-
10107	RIVER DAMODAR AT ANDAL U/S, BURDWAN	WEST BENGAL	20	33	7.2	10	7.3	8.5	248	453	1.4	3.7	0.1	1.0	910	13000	1400	35000	-	-
10108	RIVER DAMODAR AT ANDAL D/S, BURDWAN	WEST BENGAL	20	34.5	7.1	10.1	7.2	8.5	244	463	1.1	3.6	0.1	1.0	1300	4000	1700	12000	-	-
10109	RIVER DAMODAR AT ASANSOL U/S, BURDWAN	WEST BENGAL	19.5	36	8	10.2	7.4	8.4	130	392	1.6	2.4	0.1	0.9	1100	11000	1300	35000	-	-
10110	RIVER DAMODAR AT DURGAPUR U/S, BURDWAN	WEST BENGAL	20	34.5	7	10.2	7	8.4	247	460	1.3	3.6	0.1	1.0	1300	2700	1500	12000	-	-
10111	RIVER DAMODAR AT RANIGANJ D/S, BURDWAN	WEST BENGAL	20	35	7	9.8	7.2	8.6	226	519	1.3	3.8	0.1	1.0	2000	5000	2700	54000	-	-
2527	DAMODAR AT WATER INTAKE POINT FOR BURDWAN TOWN,	WEST BENGAL	23	33.5	7.6	9.8	7.3	8.4	244	467	1.4	4.2	0.1	0.9	800	3900	1300	14000	-	-
1764	CHURNI D/S OF RANAGHAT TOWN, WEST BENGAL	WEST BENGAL	22	33	1	7.2	7.4	8	272	691	1.5	5.8	0.1	0.8	9000	300000	16000	900000	-	-
2518	CHURNI, MAJHADIA, NADIA	WEST BENGAL	22	35	0.3	4.2	7.4	8.2	270	685	1.8	5.8	0.3	0.8	1100	300000	3000	900000	-	-
2541	DWARAKESHWAR AT WATER INTAKE POINT FOR BANKURA TOWN ON RIVER DWARAKESHWAR, BANKURA	WEST BENGAL	18	35.5	7.4	9.3	7.1	8.8	191	495	1.8	3.8	0.1	1.0	400	6000	1100	11000	-	-
2531	U/S OF TARAPITH ON RIVER DWARKA AT SADHAK BAMDEB GHAT, BIRBHUM	WEST BENGAL	20	34	5.4	8.5	7.1	8.3	138	759	2.4	4.8	0.1	0.5	1400	35000	17000	160000	-	-
2532	D/S OF TARAPITH ON RIVER DWARKA, SATIGHAT	WEST BENGAL	20	34	6.1	8.2	7.2	8.2	131	961	2.7	5.7	0.1	0.5	2400	90000	21000	160000	-	-



Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2514	JALANGI, D/S OF KRISHNA NAGAR, NADIA	WEST BENGAL	21	34	3.3	10.6	7.2	8.2	247	587	1.6	5.7	0.2	0.8	2000	500000	4000	900000	-	-
1337	RUPNARAYAN BEFORE CONFL. TO RIVER GANGA NEAR GEONKHALI, MEDINIPORE	WEST BENGAL	20	37	4.5	8.3	7.2	8	374	6452	0.8	3.6	0.1	2.2	1400	13000	13000	28000	-	-
2509	D/S OF RUPNARAYAN AT KOLAGHAT, NEAR KOLAGHAT RAIL BRIDGE NO.3, MEDINIPORE	WEST BENGAL	20	34	4.1	8.9	7.1	7.7	250	2185	1.4	3.7	0.1	3.2	2200	17000	9000	35000	-	-

Table - 5- : Water Quality Of River Brahmaputra (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1030	BRAHMAPUTRA AT DIBRUGARH, ASSAM	ASSAM	13	29	5.2	9.1	7.1	8	47	216	1.1	2.2	0.8	2.3	300	1100	360	4300	-	-
1262	BRAHMAPUTRA AT NIMATIGHAT, ASSAM	ASSAM	16	29	5.4	8	6.8	7.8	103	200	0.7	1.9	0.3	1.3	1.8	360	300	930	-	-
1526	BRAHMAPUTRA RIVER AT DHENUKHA PAHAR, ASSAM	ASSAM	18	30	7.2	7.9	6.9	7.7	72	252	1	2.5	0.8	2.1	300	1500	720	4300	-	-
1031	BRAHMAPUTRA AT PANDU,	ASSAM	20	30	5.6	9.1	7.4	8	91	165	1.1	2.5	1.1	2.3	360	1500	1500	3600	-	-
1299	BRAHMAPUTRA AT JOGIHOGA NEAR BRIDGE	ASSAM	20	32	5	6.8	7.4	8.1	100	172	1	1.8	0.7	1.6	1.8	1100	720	4300	-	-
2069	BRAHMAPUTRA RIVER NEAR WATER INTAKE POINT AT KACHARIGHAT, PANBAZAR, GUWAHATI, ASSAM	ASSAM	22	32	6.3	9.3	7.6	8.2	78	170	1.2	1.9	0.8	2.1	360	1500	1100	4400	-	-
2064	BRAHMAPUTRA RIVER AT CHANDRAPUR, GUWAHATI	ASSAM	22	32	6.2	9.2	7.2	7.9	72	174	1.2	2.2	1.0	3.0	300	730	700	2100	-	-
2067	BRAHMAPUTRA RIVER AT SUALKUCHI, DIST. KAMRUP,	ASSAM	19	30	6.4	9.2	7	8	86	168	1.1	2.4	0.8	2.3	300	1100	720	2800	-	-
2066	BRAHMAPUTRA RIVER AT DHUBRI	ASSAM	22	36	4.7	6.8	7.2	8	75	206	1.0	2.1	1.0	1.4	300	2000	1400	4200	-	-
3781	BRAHMAPUTRA RIVER AT BOGIBEEL BRIDGE, BOGIBEEL, DIBRUGARH	ASSAM	12	31	BDL	10	7.4	8.1	37	226	1.0	3	0.4	2.4	1.8	920	1.8	2700	-	-
4004	BRAHMAPUTRA RIVER AT BISWANATH GHAT	ASSAM	18	28	7.3	7.8	7.3	7.9	62	150	1.1	2.1	0.4	1.9	300	1200	720	3500	-	-

**Table - 5.1: Water Quality Of Tributary streams - Burhidihing, Dhansiri, Dibang, Dihing, Dikrong, Gainadi, Digaru, Digboi, Dikhow, Diplai Beel, Disang, Gabharu, Langalai, Tocklai, Tunia, Larsing, Dhateshwari, Demow, Borsila, Barnadi, Baralia, Buradia, Tihu, Singra, Damring, Manda, Dikchu, Dzu, Chathe, Dzucha Ru, Dzuna Ru, and Torsa (2019)**

[illegible]

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3807	DIGARU RIVER AT NH CROSSING	ASSAM	18.0	33.0	5.0	8.6	6.7	7.4	34	70	1.1	2.8	0.6	2.0	300	1500	300	3500	-	-
1530	DIGBOI RIVER AT LAKHIPATHE, RESERVE FOREST, DIGBOI, ASSAM	ASSAM	14.0	30.0	3.2	6.3	6.9	7.8	91	285	2.1	5.2	0.9	2.5	720	2000	720	8500	-	-
2231	DIKHOW RIVER AT DIKHOW BRIDGE SIVASAGAR, ASSAM	ASSAM	19.0	30.0	6.1	7.8	6.9	7.8	110	232	0.4	2.3	0.4	3.1	300	730	300	1500	-	-
3776	DIKHOW RIVER AT NAGINI MORA (INTER-STATE BOUNDARIES, ASSAM-NAGALAND)	ASSAM	17.0	31.0	5.5	7.9	6.7	7.6	124	242	0.6	2.1	0.5	1.6	300	910	300	2100	--	-
3778	DIKHOW RIVER AT DIKHOMUKH CONFLUENCE WITH BRAHAMPUTRA	ASSAM	19.0	27.0	6	8	7	7.8	33	218	0.7	1.9	0.3	1.7	300	360	300	1400	-	-
3821	DIPLAI BEEL AT SILGARA, KOKRAJHAR	ASSAM	23.0	36.0	3.3	5.6	6.6	7.7	20	43	1	2.9	0.5	2.2	300	360	360	14000	-	-
1298	DISANG AT GUNDAMGHAT,	ASSAM	18.0	29.0	4.5	7.3	6.7	7.6	93	240	1	2.3	0.7	2.7	300	730	300	1500	-	-
2058	DISANG RIVER AT DILLIGHAT, DIBRUGARH	ASSAM	14.0	32.0	5.4	9.4	7	7.8	57	180	1.1	3	0.9	2.0	300	730	360	2800	-	-
4005	DISANG RIVER AT NH CROSSING	ASSAM	20.0	30.0	2.1	6.8	3.6	7.8	94	232	1.2	2.2	0.4	2.2	300	360	700	910	-	-
3763	GABHARU RIVER NEAR BRIDGE AT NH-52, NEAR TUMIUKI, SONITPUR	ASSAM	18.0	30.0	5.2	6.6	7.5	8	72	106	1.3	2.3	0.4	2.1	300	2000	730	3500	-	-
4010	LONGALAI RIVER NEAR CALCOM CEMENT PLANT	ASSAM	22.0	22.0	2.3	2.3	6.7	6.7	132	132	2.3	2.3	1.5	1.5	730	730	2800	2800	-	-
4011	TOCKLAI RIVER NEAR BRIDGE AT JORHAT	ASSAM	20.0	32.0	4.5	8	6.8	7.8	73	180	1.4	4.8	0.7	4.9	360	1500	300	4300	-	-
4012	TUNIA RIVER AT D/S BRPL	ASSAM	24.0	34.0	5.1	5.5	7	7.6	43	188	1.3	2.8	0.8	2.3	300	1500	300	3500	-	-
4329	LARSING RIVER NEAR LOCL DEPO AT MOINARBOND	ASSAM	21.0	24.0	5.2	5.7	7.1	7.2	92	100	2	2.2	0.7	1.9	360	730	300	2300	-	-
4331	DOWNSTREAM OF DHATESHWARI RIVER AT HAILAKANDI	ASSAM	21.0	26.0	5.4	5.6	6.4	7.5	98	136	1.2	2.9	1.0	1.4	360	730	1400	3500	-	-
4332	DEMOW RIVER DEMOW TOWN	ASSAM	21.0	31.0	5.7	7.2	7.1	7.7	106	193	1.3	2.7	1.0	2.1	360	710	300	1100	-	-
4336	BORSILA RIVER AT BORSILA, DEOPANI, NAMTI	ASSAM	17.0	30.0	5.2	7.8	7	7.3	46	80	0.8	1.2	0.7	1.4	300	300	300	910	-	-
4341	BARNADI RIVER NEAR BRIDGE, NH-52, DUMUNICHOWKI KAMRUP	ASSAM	20.0	34.0	5.3	9.3	7.1	8	42	127	1.4	2.8	0.8	1.3	300	910	1400	2100	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4342	BARALIA RIVER (NEAR CHATPUJA GHAT) RANGIA, KAMRUP (R )	ASSAM	22.0	33.0	5.3	10.2	6.8	8.1	38	173	1.2	2.1	0.7	1.8	610	1100	1500	2800	-	-
4343	BURADIA RIVER (NEAR BRIDGE ALONG NH-31) NALBARI	ASSAM	22.0	35.0	5.4	9.1	7.4	8.1	81	143	1.1	2	1.0	1.2	300	730	1400	2800	-	-
4344	TIHU RIVER (NEAR BRIDGE ALONG NH-31) TIHU, NALBARI	ASSAM	22.0	35.0	5.2	7.4	7.5	8.1	107	160	1.3	2.2	1.0	1.3	300	1100	720	2000	-	-
4345	SINGRA RIVER (NEAR BRIDGE ALONG NH-37) BOKO, KAMRUP (R )	ASSAM	13.0	33.0	7.4	9.6	7.1	7.3	33	60	1.3	2.5	0.8	1.2	300	700	720	2100	-	-
3380	DAMRING RIVER (KRISHNEI RIVER) AT RESUBELPARA	MEGHALAYA	16.0	30.0	6.8	7.5	6.8	7.3	71	88	1.3	2	0.4	0.5	21	43	150	430	-	-
3381	MANDA RIVER (DUDHAI RIVER) AT JAMPA,	MEGHALAYA	17.0	31.0	7.0	7.8	5.9	7.4	55	91	1.5	2.2	0.4	0.6	17	41	120	430	-	-
3382	MANDA RIVER (DUDHAI RIVER) AT WAGAI SI	MEGHALAYA	17.0	30.0	7.0	7.6	6.8	7.5	63	82	1.2	1.7	0.4	0.5	12	38	140	540	-	-
1802	DIKCHU B/c WITH TEESTA NEAR NHPC HYDROELECTRIC POWER PROJECT	SIKKIM	17.0	22.0	10.0	12.0	6.5	7.0	220	250	1.5	2.0	1.0	3.8	15	60	75	130	-	-
1930	DZU D/S KOHIMA TOWN	NAGALAND	13.4	26.4	4.9	7.8	7.6	9	53	437	1.4	3.5	0.4	2.0	-	-	-	-	-	-
1929	CHATHE AT MEDZIPHEMA, DIMAPUR	NAGALAND	15.0	27.4	5.2	7.6	7.3	8.9	77	883	1.6	2.9	0.1	1.4	-	-	-	-	-	-
2888	CHATHE RIVER NEAR CHRISTIAN INSTITUTE OF HEALTH SCIENCES AND RESEARCH (CIHSR), DIMAPUR	NAGALAND	16.5	27.9	4.8	7.2	7.5	8.6	78	166	1.6	2.9	0.1	1.7	-	-	-	-	-	-
2891	DZUCHA RU IN KOHIMA	NAGALAND	11.0	22.8	5.6	7.2	7.4	9.1	86	289	1.4	2.4	0.7	5.8	-	-	-	-	-	-
2889	DZUNA RU IN KOHIMA	NAGALAND	10.1	23.1	4.8	8	7	8.6	57	138	1.1	2.6	0.4	3.3	-	-	-	-	-	-
2892	DZUNA RU IN KOHIMA, ADJOINING THE NEW KOHIMA MUNICIPAL COUNCIL SOLID WASTE MANAGEMENT SITE,	NAGALAND	13.1	22.8	5.4	7.1	7.3	8.9	142	713	1.4	2.2	1.1	9.0	-	-	-	-	-	-
2893	DZUNA RU (CONFLUENCE OF DZUCHA & DZUNA RU) IN KOHIMA	NAGALAND	12.5	22.7	5.2	6.8	7.4	8.5	150	385	1.8	2.8	1.2	5.1	-	-	-	-	-	-
4719	RIVER TORS A D/S OF GHUGHUMARI	WEST BENGAL	19.0	29.0	7.1	7.4	7.1	7.7	85	149	1.2	2.9	0.1	1.0	2600	9000	9000	17000	-	-
4724	RIVER TORS A AT HASIMARA	WEST BENGAL	19.0	30.0	6.5	7.4	6.2	7.9	64	105	1.5	2.2	0.1	3.1	2200	11000	7000	22000	-	-

Table - 6:- Water Quality Of River Mahi And Its Tributary Streams - Anas, Malei, Shivna &amp; Panam (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1232	MAHI (D/S) CONF WITH R. CHAP (UNDER SAGWARA-SARHI RD. BDG.), RAJASTHAN	RAJASTHAN	18	29	3.9	6	7.9	8.2	410	630	0.6	2.1	1.7	2.1	7	39	20	120	-	-
1864	MAHI AT MUJPUR	GUJARAT	26	33	6.1	8.3	7.7	8.5	325	62100	0.4	0.8	0.4	0.9	4	14	20	120	-	-
1233	MAHI AT BADNAWAR, M.P.	MADHYA PRADESH	18	28	6.4	8.2	8	8.4	248	58890	1.0	1.5	0.7	1.1	1.8	1.8	8	63	-	-
4	MAHI AT SEVALIA	GUJARAT	23	29	5.3	8.0	7.6	8.5	327	516	0.3	0.6	0.36	0.52	4	30	33	240	-	-
5	MAHI AT VASAD	GUJARAT	23	31	7.0	8.3	7.6	8.5	304	637	0.3	0.5	0.38	0.64	4	26	32	96	-	-
1229	MAHI NEAR RAJASTHAN BORDER AT KADANA DAM,	GUJARAT	28	33	7.3	8.6	7.5	8.3	349	476	0.2	0.4	0.4	0.6	2	2	4	21	-	-
1230	MAHI AFTER CONF. WITH ANAS AT PARDI (BANASWADA),	GUJARAT	29	34	7.2	8.3	7.8	8.5	336	463	0.3	0.5	0.4	0.5	4	14	21	63	-	-
1231	MAHI AT VIRPUR,	GUJARAT	28	33	7.3	8.1	7.5	8.4	359	525	0.3	0.5	0.4	0.6	4	14	21	49	-	-
1863	MAHI AT UMETA BRIDGE	GUJARAT	24	31	7.1	8.3	7.8	8.5	292	612	0.3	12	0.4	0.6	4	350	33	920	-	-
3206	MAHI AT SHERKHI BRIDGE	GUJARAT	14	32	7.2	8.0	7.2	8.5	331	846	0.3	4.3	0.5	0.9	2	14	4	79	-	-
3318	MAHI AT RANISINGH VILLAGE, RATLAM, UJJAIN	MADHYA PRADESH	22	29	6.6	7.9	7.4	7.9	258	572	1.6	2.5	BDL	1.7	2	17	40	220	-	-
3848	ANAS RIVER NEAR ROAD BRIDGE JHABUA	MADHYA PRADESH	18	28	6.4	8.4	7.8	8.7	276	588	0.8	2	0.6	1.1	1.8	1.8	34	70	-	-
1228	ANAS AT DAHOD, (KUSHALGARH), DIST. PANCHMAHAL	GUJARAT	29	34	5.8	7.7	7.5	8.5	244	665	0.4	0.9	0.4	0.6	4	39	47	140	-	-
2104	MALEI AT JAORA	MADHYA PRADESH	23	28	6.2	7.6	7.2	7.9	241	1020	1.7	4	BDL	1.2	2	70	49	350	4	4
2102	SHIVNA AT RAMGHAT, MANDSAUR	MADHYA PRADESH	23	30	6.4	7.7	7.4	7.8	264	696	1.8	2.8	BDL	1.0	2	31	48	210	-	-
1227	PANAM AT LUNAWADA,	GUJARAT	28	34	5.7	7.6	7.4	8.3	254	367	0.4	0.6	0.4	0.6	4	26	33	170	-	-

Table - 7: Water Quality Of River Sabarmati (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1221	SABARMATI AT KHEROJ BRIDGE,	GUJARAT	27	27	6.6	7.9	7.5	8	253	606	1.2	2.1	0.2	1.1	33	63	84	150	-	-
1223	SABARMATI AFTER CONF. WITH MESHWA AT VAUTHA (NEAR DHOKLA),	GUJARAT	26	29	BDL	3.4	7.3	8.1	762	3430	4	50	0.2	0.3	21	330	170	2100	-	-
1409	SABARMATI AT RAILWAY BRIDGE AHMEDABAD,	GUJARAT	25	30	5.5	8	7.4	8.5	259	1078	1.1	14	0.2	1.5	13	110	130	630	-	-
1866	SABARMATI RIVER AT HANSAOL BRIDGE,	GUJARAT	25	30	5	8.4	7.4	8.3	253	1132	1	4	0.2	2.3	9	120	94	350	-	-
1	SABARMATI AT DHAROI DAM	GUJARAT	24	31	6.8	8.4	6.1	8.4	328	576	0.6	1.1	0.2	0.20	1.8	2	4	91	-	-
2	SABARMATI AT AHMEDABAD AT V.N. BRIDGE	GUJARAT	25	30	BDL	1.6	6.9	9	1249	3308	44	203	0.1	0.68	33	700	350	1700	-	-
1407	SABARMATI AT GANDHI NAGAR CHILODA BRIDGE, LEKAWADA,	GUJARAT	27	29	7	7.6	7.6	8.4	259	397	1	2.7	0.3	1	59	83	210	330	-	-
1408	SABARMATI AT VILL. MIROLI TALUKA DASCROI,	GUJARAT	29	32	-	-	7.2	7.8	795	3124	10	55	0.3	0.4	140	680	2200	9200	-	-
1482	SABARMATI AT MAHUDI JAIN TEMPLE, 150 KM. FORM ORIGIN,	GUJARAT	27	29	6.7	7.3	8.3	8.4	22	468	1	1.8	0.3	0.3	7	14	48	94	-	-
2075	DHAROI DAM, DIST. MEHSANA.	GUJARAT	24	30	6.6	8.1	7.7	8.4	277	474	0.6	1.3	0.1	0.1	1.8	4	2	47	-	-

Table - 8: Water Quality Of River Narmada (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3321	NARMADA AT AMARKANTAK FROM ORIGIN POINT, REWA RIVER NARMADA AT DINDORI, U/S INTAKE POINT, DISTT. DINDORI (M.P.)	MADHYA PRADESH	20.5	31.5	7.2	8.2	7.7	7.9	237	3315	0.8	1.7	BDL	0.8	-	-	25	47	-	-
1242	NARMADA NEAR SOURCE AT AMARKANTAK M.P.	MADHYA PRADESH	19.4	30.5	7	7.7	7.5	7.8	196	2218	0.2	0.7	0.2	0.5	1.8	1.8	1.8	36	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1241	NARMADA AT MANDLA NEAR ROAD BDG. M.P.	MADHYA PRADESH	18	22.8	7	7.8	7.3	8.3	170	398	1.3	1.8	0.3	1.4	1.8	10	43	43	-	-
1240	NARMADA AT NARSINGHPUR	MADHYA PRADESH	15	22.2	7	7.9	7.2	8.3	280	2280	1.3	1.9	0.3	1.6	1.8	13	47	48	-	-
2106	NARMADA AT NEMAWAR	MADHYA PRADESH	20	26	6.1	7.6	7.3	8.4	139	350	1.6	2	0.1	0.8	1.8	18	40	63	-	-
45	NARMADA AT MANDLESHWAR	MADHYA PRADESH	17	28	6.7	8.6	7.6	8.8	34	459	0.8	1.4	0.02	0.87	1.8	1.8	34	50	--	-
1239	NARMADA AT BADWANI,	MADHYA PRADESH	18	27	6.4	8.6	7.8	8.6	249	456	0.8	1.8	0.5	1.2	1.8	1.8	30	49	-	-
1431	NARMADA AT MAHESHWAR,	MADHYA PRADESH	18	28	6.9	8.6	7.8	8.5	272	355	0.6	1.8	0.4	0.9	1.8	1.8	32	49	-	-
2099	NARMADA LALPUR, JABALPUR	MADHYA PRADESH	18	22.5	7.2	8.2	7.3	8.3	170	348	1.2	1.7	0.2	1.4	1.8	11	43	43	-	-
1234	NARMADA AT HOSHANGABAD U S M.P.	MADHYA PRADESH	19	31	7.4	9.4	7.4	8.6	206	1661	1.2	2.1	0.4	4.2	2	18	94	540	-	-
2112	NARMADA NEAR MORTAKKA BRIDGE, BADWAH	MADHYA PRADESH	17	29	6.5	8.4	7.9	8.7	270	349	0.8	1.2	0.4	1.0	1.8	1.8	39	49	-	-
44	NARMADA AT SETHANIGHAT	MADHYA PRADESH	19	30	6.2	9.8	7.7	8.3	207	1843	1.4	2.9	1.01	4.42	2	49	70	2400	-	-
1235	NARMADA AT HOSHANGABAD S M.P.	MADHYA PRADESH	20	30	7.5	9.8	7.4	8.6	180	484	1.5	2.8	0.5	15.5	2	110	110	2100	-	-
2113	NARMADA NEAR PUNASA DAM, PUNASA	MADHYA PRADESH	17	28	6.3	7.9	7.9	8.6	248	349	0.8	1.4	0.5	1.4	1.8	18	34	49	-	-
1430	NARMADA AT D S OF OMKARESHWAR M.P.	MADHYA PRADESH	17	28	6.7	8	7.9	8.5	264	422	1.0	1.4	0.4	1.1	1.8	1.8	38	49	-	-
3322	NARMADA AT MANDLA, NEAR SHAMSHANGHAT, JABALPUR	MADHYA PRADESH	18	22.3	7.2	8	7.2	8.3	170	392	1.1	1.8	0.3	1.3	1.8	1.8	-	-	-	-
3323	NARMADA AT LALPUR, NEAR WATER SUPPLY INTAKE POINT, JABALPUR	MADHYA PRADESH	17.8	22.3	6.4	7.9	7.3	8.6	230	2860	1.2	1.8	0.3	1.1	1.8	6	25	25	-	-
3324	NARMADA AT PANCHWATIGHAT, BEFORE MIXING WITH BAWANGANGA RIVER, JABALPUR	MADHYA PRADESH	15	22.2	7.2	7.8	7.2	8.3	225	380	1.4	1.8	0.3	1.1	1.8	9	39	39	-	-
3325	NARMADA AT SARSWATIGHAT, AFTER MIXING WITH BAWANGANGA RIVER, JABALPUR	MADHYA PRADESH	15	22.4	7.2	7.8	7.1	8.3	254	396	1.4	1.8	0.2	1.6	1.8	14	43	47	-	-
2118	NARMADA RIVER AT D/S OF KAPILDHARA	MADHYA PRADESH	19.5	31.5	7.2	7.8	7.6	7.9	246	562	1.3	1.9	0.4	0.8	1.8	1.8	40	48	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2123	NARMADA AT KORIGHAT HOSHANGABAD	MADHYA PRADESH	19	30	7.2	9.8	8	8.4	174	336	1.1	2.4	1.0	3.5	1.8	63	63	2100	-	-
3326	SIMRAR AT KATNI NEAR ACC W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	23.4	27.8	5.1	6.3	7.4	8.3	212	586	1.3	1.9	0.4	1.8	1.8	18	31	47	-	-
3828	HIRAN, NH 7 ROAD BRIDGE, SIHORA, DIST JABALPUR	MADHYA PRADESH	15.6	22.3	7.2	7.6	7.2	8.3	258	448	1.3	2.2	0.3	1.6	1.8	11	45	46	-	-
3829	HIRAN, NH -12 ROAD BRIDGE VIL VIKRAMPUR ,DIST NARSINGPUR	MADHYA PRADESH	15.3	22.8	6.1	7.9	7	8.3	264	4240	1.2	2.8	0.2	1.6	1.8	11	39	43	-	-
3847	NARMADA RIVER AT DHARAMPURI	MADHYA PRADESH	18	29	6.4	7.8	7.5	8.7	287	388	0.6	1.4	0.5	1.1	1.8	1.8	33	49	-	-
7	NARMADA AT GARUDESHWAR	GUJARAT	26	30	6.2	7.7	7.5	8.2	230	333	0.1	0.64	0.07	0.16	17	33	33	79	-	-
1244	NARMADA AT PANETHA,	GUJARAT	25	31	6.3	7.5	7.6	8.3	217	331	0.3	0.9	0.1	0.2	13	33	32	79	-	-
1245	NARMADA AT CHANDOD,	GUJARAT	20	30	7	7.8	7	8.4	204	368	0.3	0.8	0.4	0.6	4	26	33	210	-	-
1981	NARMADA AT ZANOR (NTPC), BHARUCH	GUJARAT	26	30	6.1	7.4	7.6	8.2	235	2910	0.6	0.8	BDL	BDL	21	33	46	94	-	-
1243	NARMADA AT BHARUCH, ZADESHVAR,	GUJARAT	27	30	5.9	7.1	7.7	8.2	244	18300	0.7	1.1	BDL	BDL	49	110	170	390	-	-

Table - 8.1: Water Quality of Tributary Streams Chota Tawa, Gour, Kunda and Banjar (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
1236	CHOTA TAWA BEFORE CONFL. WITH RIVER NARMADA, M.P.	MADHYA PRADESH	18	24	6.5	7.6	7.8	8.2	260	682	0.8	1.2	0.3	1.1	1.8	1.8	7	84	-
2100	GOUR RIVER BHOGA DOOR, JABALPUR	MADHYA PRADESH	16.8	30.3	7.3	7.6	7.3	8.3	220	3420	1.3	1.9	0.1	1.7	1.8	12	39	48	-
2114	KUNDA AT KHARGONE	MADHYA PRADESH	14	29	5.8	7.6	7.4	8.4	410	739	1.0	2.2	0.3	4.0	1.8	130	43	540	-
3305	BANJAR AT MALANJKHAND NEAR W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	15.8	29.9	7.2	7.7	7.2	8.3	230	2430	1.2	1.7	0.2	1.6	1.8	12	43	46	-



Table - 9: Water Quality of river Tapi (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
2115	TAPI AT NEPA NAGAR 100 METRE D/S AFTER MIXING PANDHAR NALLA	MADHYA PRADESH	18	28	6.2	7.8	7.8	8.9	268	590	1.1	2	0.6	2.2	1.8	94	7	350	5	5
9	TAPI AT NEPANAGAR	MADHYA PRADESH	18	28	6	7.8	7.2	8.5	250	496	1	1.2	0.584	1.602	1.8	1.8	7	49	-	-
10	TAPI AT BURHANPUR	MADHYA PRADESH	19	28	3.9	8	7.2	8.7	290	1048	1.3	6	0.839	8.1	1.8	280	58	540	-	-
1250	TAPI AT HATNUR M.P.	MADHYA PRADESH	19	28	4	7.8	7.5	8.9	337	1122	1.2	2.8	0.6	8.1	1.8	1.8	70	170	-	-
1313	TAPI AT AJAND VILLAGE, RAVER, JALGAON	MAHARASHTRA	24	41	5.2	6.2	6.9	7.9	242	771	3	13.5	1.1	13.9	1.8	550	140	1800	1.8	1.8
1907	RANGAVALI D/S OF NAVAPUR, NANDURBAR	MAHARASHTRA	22	38	4.6	6.5	7.2	8.3	386	948	3	11.5	0.3	6.7	1.8	110	140	900	1.8	8
1314	TAPI AT UBAD VILLAGE, SHAHADA, NANDURBAR	MAHARASHTRA	25	31	5.8	6.3	7.2	7.9	290	738	3.2	18.5	0.3	6.2	1.8	425	150	1800	1.8	1.8
1251	TAPI AT BHUSAWAL U/S, BHUSAWAL RAILWAY COLONY, BHUSAWAL, JALGAON	MAHARASHTRA	22	29	5.7	6.3	7.3	7.9	262	772	3.2	12.5	0.3	4.1	1.8	225	210	1800	1.8	1.8
46	TAPI AT UKAI, SHERULA BRIDGE	GUJARAT	22	35	6.4	7.2	6.3	8.4	217	640	0.6	1.1	0.03	0.14	6	11	21	83	-	-
1247	TAPI AT MANDAVI,	GUJARAT	26	29	6	7.4	7	8.2	326	3795	0.6	1.0	0.2	0.2	6	9	21	83	-	-
1983	TAPI RIVER NEAR BARDOLI (KAPP BRIDGE) BARDOLI	GUJARAT	26	29	6.2	7.3	7.1	8	315	494	0.7	0.9	0.2	0.1	6	11	21	83	-	-
47	TAPI AT KATHORE, (NH-8 BRIDGE)	GUJARAT	26	30	6.2	7.4	7.3	8	170	657	0.5	1.1	0.02	0.53	6	9	21	53	-	-
1248	TAPI AT SURAT U/S KATHORE,	GUJARAT	26	29	6.4	7.3	7.3	7.9	302	584	0.6	1.2	0.2	0.2	6	17	27	76	-	-
1982	TAPI AT RANDER BRIDGE, SURAT	GUJARAT	26	30	6.5	7.2	6.8	8.4	315	1871	0.6	1.6	0.2	0.2	6	12	33	83	-	-
2071	TAPI RIVER AT ONGC BRIDGE AT SURAT, DIST. SURAT	GUJARAT	26	29	5.4	6.9	7	7.8	1371	57169	0.9	2.8	0.2	0.6	9	17	39	177	-	-

**Table – 9.1: : Water Quality of tributaries - Kim, Denwa, Amravati, Bori, Burai, Girna, Gomai, Hiwara, Mor, Morna, Panzara, Pedhi, Purna, Rangavalli, Titur and Waghur (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2070	KIM RIVER AT SAHOL BRIDGE, OLPAD HANSOT ROAD, DIST. SURAT	GUJARAT	26	30	6.2	7.3	7.3	7.9	795	20290	0.8	1.8	0.2	0.25	8	39	41	362		
2127	DENWA NEAR SARNI, ROAD BRIDGE	MADHYA PRADESH	24	26	8.4	8.7	7.9	8.1	268	616	1.3	1.8	0.3	3.04	2	2	33	84		
3203	AMRAVATI AT VILLAGE DADHAL , TA ANKLESHWAR, BHARUCH	GUJARAT	25	32	5.8	7	7.7	8.4	279	2750	0.7	1.2	0.19	0.88	23	49	94	170		
2652	AMRAVATI RIVER D/S OF DONDAICHA, DHULE, DHULE	MAHARASHTRA	29.5	31	4.6	6.1	7.9	8.5	496	2003	3	3.4	0.3	6.25	4	900	170	1800	1.8	1.8
2658	BORI RIVER D/S OF AMALNER, JALGAON, JALGAON	MAHARASHTRA	21	24	5.8	6.2	7.2	8.0	417	654	3.4	3.4	0.3	3.63	1.8	4	150	210	1.8	1.8
2659	BURAI RIVER BEFORE CONFLUECE TO TAPI RIVER, MUKUDAS, DHULE	MAHARASHTRA	29.5	38	3.6	6	7.4	8.6	514	2015	3	9.2	0.3	10.5	4	140	140	280	1.8	1.8
1252	GIRNA AT JALGAON	MAHARASHTRA	21	31	3.9	6.3	7.2	7.8	220	874	3	7.5	0.3	6.05	1.8	350	120	1800	1.8	1.8
1253	GIRNA AT MALEGAON (MANMAD), NASHIK	MAHARASHTRA	20	29	6.1	6.1	7.3	7.9	274	695	3	18	0.3	4.5	225	225	180	1800		
2666	GOMAI RIVER D/S OF SHAHADA, DHULE	MAHARASHTRA	26	32	5.8	6.8	7.8	8.0	70	641	2.2	3	0.3	9.4	2	2	25	220	1.8	1.8
2667	HIWARA RIVER D/S OF PACHORA, JALGAON	MAHARASHTRA	21	28	4.5	6.3	7.1	8.5	392	651	3.2	3.8	0.3	3.75	1.8	110	140	1800	1.8	1.8
2674	MOR RIVER NEAR PADALSHE, JALGAON	MAHARASHTRA	22	29	5.2	6	7.1	8.3	209	693	2.8	9.8	0.3	4	2	11	170	1600		
2675	MORNA RIVER AT D/S RAILWAY BRIDGE, AKOLA, AKOLA , AKOLA	MAHARASHTRA	18	26	4	8	7.6	8.5	271	888	3.2	10.4	0.3	7.24	22	39	170	350	5	11
2684	PANZARA RIVER NEAR PANZARAKAN SSK LTD, PANZARA, DHULE	MAHARASHTRA	21	32	3.2	6.3	7.2	8.1	182	773	2.8	8.5	0.3	13	1.8	250	140	1800	1.8	1.8
2695	PEDHI RIVER NEAR ROAD BRIDGE AT DADHI-PEDHI VILLAGE, BHATKULI,	MAHARASHTRA	19	38	3.94	7.96	7.8	8.2	412	1228	3.8	10	0.3	7.61	32	220	170	1600	14	14
1913	PURNA AT DHUPESHWAR, MALKAPUR, AKOLA	MAHARASHTRA	18	36	4.06	7.92	7.8	8.5	205	2080	3.2	6.8	0.3	6.74	33	39	220	350	7	9
2700	PURNA RIVER NEAR ACHALPUR-AMRAVATI ROAD BRIDGE, ASEGON, CHANDUR BAZAR, AMRAVATI	MAHARASHTRA	20	38	4.6	7.9	7.4	8.4	285	1220	3.6	4.9	0.3	6.8	31	150	150	1600	11	11
2155	PURNA RIVER A/C OF MORNA, ANDURA VILLAGE, BALAPUR,	MAHARASHTRA	18	20	6.4	7.6	7.8	8.4	296	552	3.2	4.2	0.3	6.01	34	39	350	350	4	12

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1907	RANGAVALI D/S OF NAVAPUR, NANDURBAR	MAHARASHTRA	22	38	4.6	6.5	7.2	8.3	386	948	3	11.5	0.3	6.68	1.8	110	140	900	1.8	8
2710	TITUR RIVER D/S OF CHALISGAON, JALGAON	MAHARASHTRA	23	29	5.8	6.2	7.1	7.9	373	693	3	11.5	0.3	5.9	2	900	170	1800	1.8	1.8
2718	WAGHUR RIVER AT SAKEGAON BEFORE CONFLUENCE WITH TAPI RIVER, JALGAON	MAHARASHTRA	22	29	5.9	6.3	7.2	7.9	344	864	3.2	11	0.3	3.8	1.8	1800	140	1800	1.8	1.8

Table - 10- : Water Quality Of River Mahanadi (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1851	MAHANADI AT SIHAWA, CHHATISGARH.	CHHATTISGARH	23	29	6.2	6.8	7.2	7.8	308	358	-	-	-	-	-	-	-	-	-	-
1264	MAHANADI AT RUDRI U/S AT DHAMTORI RESERVOIR, CHHATISGARH.	CHHATTISGARH	23	28	6.4	7.1	7.2	7.8	292	346	-	-	-	-	-	-	-	-	-	-
1099	MAHANADI AT U/S OF RAJIM, CHHATISGARH.	CHHATTISGARH	22	33	5.6	7.4	7.3	7.8	310	496	-	-	-	-	-	-	-	-	-	-
1852	MAHANADI AT ARRANG, RAIPUR, CHHATISGARH.	CHHATTISGARH	24	30	6.1	6.8	7.8	7.8	324	432	-	-	-	-	-	-	-	-	-	-
1100	MAHANADI AT KHARAD, CHHATISGARH.	CHHATTISGARH	23.2	39.5	7.2	8.8	8	8.6	176	2420	1.4	3.2	2.2	4.8	4	109	21	350	-	-
1282	MAHANADI AT SHEORINARAYAN VILLAGE, CHHATISGARH.	CHHATTISGARH	3.4	39.5	6.4	8.6	8.4	8.5	184	395	1.6	3.6	0.3	7.2	21	112	33	350	-	-
1467	MAHANADI AFTER CONFL. WITH RIVER MAND, CHHATISGARH.	CHHATTISGARH	23	39.6	6.5	8.3	7.6	8.6	202	494	1.8	3.8	3.1	7.8	17	128	50	380	-	-
3168	MAHANADI AT DOWNSTREAM OF HASDEO RIVER NEAR URGU VILLAGE KORBA, CHHATISGARH.	CHHATTISGARH	25.4	26.3	6	7	7.1	7.2	-	-	1	2	-	-	4	280	11	2500	-	-
1101	MAHANADI AT INTERSTATE BOUNDARY, CHHATISGARH.	CHHATTISGARH	7.4	28	6.7	7.3	7.1	7.6	191	212	1.6	3.4	0.8	1.1	1.8	21	58	110	-	-
1281	MAHANADI AT HIRAKUD RESERVOIR	ODISHA	20	32	7	8.6	7.3	8.4	152	213	0.2	2.9	0.1	1.0	1.8	940	78	2200	-	-

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (Mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1270	MAHANADI AT SAMBALPUR U/S	ODISHA	22	34	6.2	8.2	6.7	7.8	145	246	0.5	1.2	0.1	0.5	1.8	1100	45	4900	-	-
1271	MAHANADI AT SAMBALPUR D/S	ODISHA	22	33	6.6	7.8	6.7	8.3	150	264	0.2	1.9	0.1	0.5	1.8	4900	130	35000	-	-
2405	MAHANADI AT SAMBALPUR FD/s AT HUMA	ODISHA	19	32	6.8	8.2	7	8.2	152	249	0.3	2.9	0.1	1.1	1.8	1700	20	3500	-	-
1272	MAHANADI D/S (AFTER CONFL. WITH R. ONG SONEPUR U/S)	ODISHA	21	33	6.6	8.2	7	8.3	156	285	0.3	1	0.1	0.8	1.8	460	78	3500	-	-
1274	MAHANADI A/c WITH TEL (SONEPUR D/S)	ODISHA	21	33	6.2	7.8	7	8.2	159	271	0.4	2.3	0.1	3.3	1.8	1700	78	3500	-	-
2404	MAHANADI POWER CHANNEL D/S NEAR BURLA	ODISHA	20	33	6	8.2	6.6	7.9	139	215	0.4	1.3	0.1	0.7	1.8	700	110	1300	-	-
2406	MAHANADI AT MUNDALI (WATER INTAKE POINT OF BHUBANESWAR CITY)	ODISHA	18	37	6.4	8.9	6.6	8.3	154	244	0.3	1.3	0.1	0.4	1.8	1300	170	3500	-	-
3887	MAHANADI AT SAMBALPUR FD/S T SHANKARMATH	ODISHA	18	31	6.4	7.8	7	7.7	153	269	0.3	1.6	0.1	0.7	1.8	4900	110	22000	-	-
1275	MAHANADI AT TIKARPADA	ODISHA	21	29	6.2	8.6	6.7	8.3	157	233	0.3	0.9	0.1	1.2	8	490	49	1300	-	-
1276	MAHANADI AT NARSINGHPUR	ODISHA	16	37	6.2	9.2	6.6	8.3	155	241	0.3	1.7	0.1	1.2	1.8	3300	230	7900	-	-
1277	MAHANADI AT CUTTACK U/S	ODISHA	20	38	6.4	9.1	6.7	8.3	152	216	0.4	1	0.1	0.3	20	1300	20	3300	-	-
1278	MAHANADI AT CUTTACK D/S	ODISHA	18	34	6.2	8.7	6.9	8	147	264	0.5	1.8	0.1	0.6	45	7900	78	17000	-	-
3888	MAHANADI POWER CHANNEL U/S	ODISHA	21	33	6.2	8.2	7.2	8.2	141	224	0.4	1.3	0.1	2.1	1.8	700	220	1100	-	-
3890	MAHANADI AT CUTTACK FD/S AT GATIRAUTAPATNA	ODISHA	18	33	7.3	9.3	6.9	8	148	916	0.4	1.5	0.1	0.3	1.8	3300	490	13000	-	-
2407	MAHANADI AT PARADEEP U/S (BEFORE INDUSTRIAL ACTIVITY AT PARADEEP)	ODISHA	23	33	6	9	6.8	8.2	158	13540	0.2	1.9	0.1	0.4	20	790	78	2200	-	-
1639	MAHANADI AT PARADEEP D/S	ODISHA	21	35	5.8	9	7.1	8.2	238	44020	0.5	1.5	0.1	0.6	1.8	490	78	1100	-	-

**Table 10.1: - Water Quality Of Tributary Streams - Seonath, Kharoon, Hasdeo, IB, Serua, Kuakhai, Birupa, Arpa, Kelo, Daya, Kathjodi, Gobari, Devi, Gangua, Kushabhadra, Mangala, Bhargavi, Kansari, Badasankha, Ratnachira Nadi, Nuna Nadi, Kusumi Nadi, Sabulia Nadi & Sankha (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1107	SEONATH AT U/S RAJNANDGAON,	CHHATTISGARH	22	32	6.4	7.4	7.3	7.6	-	-	1.3	2.8	-	-	4	290	7	2400		
1266	SEONATH AT SHIMGA AFTER CONFL. WITH R. KHARON,	CHHATTISGARH	24	30	6.2	6.9	7.4	7.8	328	472	-	-	-	-	-	-	-	-	-	-
1845	SEONATH RIVER WATER SUPPLY WELL, DURG, CHHATTISGARH.	CHHATTISGARH	20	32	6.8	7.4	7.2	7.5	-	-	1.2	2.8	-	-	1.8	320	9	920	-	-
3166	SEONATH AT JHINGRI VILLAGE, A/C OF SAMODA NALLA, CHHATTISGARH.	CHHATTISGARH	21	30	2.8	6.8	7.4	7.9	-	-	3.4	6.4	-	-	6	280	70	540	-	-
3167	SEONATH AT RAJNANDGAON, D/S AT MOHAD, RAJNANDGAON, CHHATTISGARH.	CHHATTISGARH	21	32	6.3	7.2	7.2	7.6	-	-	1.7	3.2	-	-	1.8	360	9	1600	-	-
1265	KHARON AT RAIPUR U/S, CHHATTISGARH.	CHHATTISGARH	23	30	6.2	7.6	7	7.8	248	2640	-	-	-	-	-	-	-	-	-	-
1846	KHARON RIVER A/C KHAPRI DRAIN, CHHATTISGARH.	CHHATTISGARH	20	30	5.0	7.2	7.2	7.8	-	-	1.9	6.2	-	-	4	240	9	2400	-	-
1847	KHARON RIVER B/C KHAPRI DRAIN, DURG, RAIPUR ROAD BRIDGE, CHHATTISGARH.	CHHATTISGARH	7.8	31	4.8	7.2	7.4	7.8	-	-	2.1	8.4	-	-	7	340	4	2400	-	-
1853	KHARON RIVER BUNDRI, RAIPUR, CHHATTISGARH.	CHHATTISGARH	24	30	6.2	7.4	7.2	7.8	310	456	-	-	-	-	-	-	-	-	-	-
1105	HASDEO AT U/S KORBA,	CHHATTISGARH	25	26.1	6.8	8.0	7.1	7.2	-	-	0.2	1.0	-	-	7	170	27	540	-	-
1106	HASDEO AT U/S OF CHAMPA	CHHATTISGARH	22.5	39.2	6.5	7.7	8.3	8.6	218	404	2.0	3.4	3.3	6.6	23	100	70	350	-	-
3165	HASDEO RIVER 100 METER DOWNSTREAM AFTER CONFLUENCE OF DENGUR NALLAH NERA C.S.E.B. EAST GUEST HOUSE, KORBA,	CHHATTISGARH	7.1	26.3	6.6	7.2	7	7.1	-	-	0.6	1.4	-	-	7	700	40	1500	-	-
3169	HASDEO AT DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA (BEFORE TREATMENT) AT KOHADIA VILLAGE, CHHATTISGARH.	CHHATTISGARH	25.5	26.4	6.4	7.4	7.1	7.2	-	-	0.4	1.0	-	-	2	91	2	330	-	-
3170	HASDEO AT DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA (AFTER TREATMENT) AT KOHADIA VILLAGE, CHHATTISGARH.	CHHATTISGARH	25.5	26.4	6	7.8	7.1	7.2	-	-	0.2	0.4	-	-	2	20	2	78	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1267	IB AT SUNDARGARH	ODISHA	20	30	5.8	8.1	6.7	8	95	285	0.2	1.7	0.2	1.3	1.8	1700	170	3500	-	-
1268	IB AT JHARSUGUDA (INTAKE)	ODISHA	16	26	7.4	8.8	6.5	8.2	134	263	0.3	2.0	0.1	2.8	220	3300	640	4900	-	-
1269	IB AT BRAJARAJNAGAR (INTAKE) D/s	ODISHA	16	26	7.2	8	6.9	8.2	136	264	0.4	2.6	0.1	0.4	78	2700	490	4900	-	-
1300	IB AT BRAJARAJNAGAR U/s	ODISHA	15	26	7.6	8.8	6.7	8.2	110	210	0.4	1.6	0.1	0.5	45	2200	330	4700	-	-
2409	SERUA AT CUTTACK FD/s (SERUA) AT SANKHATRASA	ODISHA	17	35	6.4	8.6	6.8	7.9	161	369	0.8	3.1	0.2	1.3	400	35000	1300	54000	-	-
1279	KUAKHAI AT BHUBANESWAR U/s	ODISHA	17	33	6.1	9.6	6.8	8	150	234	1.0	2.8	0.1	1.1	230	1700	330	4900	-	-
1280	KUAKHAI AT BHUBANESWAR D/s	ODISHA	17	30	4.1	7.7	6.8	7.5	169	446	1.8	7.3	0.2	9.3	1700	160000	3500	160000	-	-
2410	KUAKHAI AT BHUBANESWAR FU/s	ODISHA	18	32	5.5	8.7	6.6	8.3	158	253	0.8	2.2	0.2	2.3	78	1700	330	3500	-	-
1301	KATHAJODI AT CUTTACK D/s	ODISHA	16	36	4.9	8.4	7	8	157	366	0.8	3.9	0.1	2.2	940	160000	2200	160000	-	-
1640	BIRUPA AT CHOUDWAR D/s	ODISHA	19	38	6	8.7	6.8	8.5	129	246	0.2	2.4	0.1	0.4	110	2400	260	3500	-	-
1848	ARPA RIVER D/S OF BILASPUR, CHHATISGARH.	CHHATTISGARH	24	39.4	2.3	6.3	8	8.5	366	9640	2.8	9.6	0.3	15.1	100	580	220	1600	-	-
1849	KELO RIVER U/S OF RAIGARH, CHHATISGARH.	CHHATTISGARH	16	28	6.5	7.8	7.1	7.8	190	1960	1.7	3.3	0.8	1.2	7	26	30	210	-	-
1850	KELO RIVER D/S OF RAIGARH, CHHATISGARH.	CHHATTISGARH	15	28	6.2	7.6	7.1	7.7	196	216	2.2	3.9	0.8	1.2	14	33	110	5400	-	-
2411	DAYA AT BHUBANESWAR FD/s ( 2 KM AFTER CONFLUENCE OF GANGUA NALLAH WITH RIVER DAYA)	ODISHA	16	30	4.9	7.5	6.7	7.9	168	388	1.3	7.1	0.2	13.5	1300	160000	2400	160000	-	-
3891	KATHAJODI AT CUTTACK U/s	ODISHA	20	37	6	8.8	7	8.4	140	283	0.4	1.1	0.1	0.3	20	1700	20	3500	-	-
3892	KATHJODI AT CUTTACK FD/s AT MATTAGAJPUR	ODISHA	21	33	5	8.6	6.6	8.4	164	380	0.5	3.5	0.2	0.7	45	54000	140	160000	-	-
3893	KATHJODI AT CUTTACK FD/s AT KAMASASAN	ODISHA	18	37	5.7	8.8	6.6	8.1	160	325	0.5	1.6	0.2	1.4	1.8	1300	20	3500	-	-
3894	DAYA AT GELAPUR	ODISHA	19	33	5.5	9.1	6.7	8.2	150	269	0.4	2.3	0.1	7.2	78	2400	260	3500	-	-
3895	DAYA AT KANAS	ODISHA	22	33	4.4	8.1	6.9	8.1	179	527	0.9	5.1	0.1	0.9	490	9200	1300	17000	-	-
3900	GOBARI AT KENDRAPARA U/s	ODISHA	21	34	6	8.8	7	8.3	146	1128	0.5	1.8	0.2	0.7	45	2400	79	4300	-	-
3901	GOBARI AT KENDRAPARA D/s	ODISHA	21	34	4.2	8.4	6.4	8.1	150	1368	0.7	2.3	0.1	2.1	130	9200	490	16000	-	-
3902	DEVI AT MACCHGAON	ODISHA	24	33	5.8	9.8	6.7	8.2	147	37240	0.4	1.8	0.1	0.5	20	490	20	3500	-	-
3896	GANGUA NEAR RAJDHANI ENGINEERING COLLEGE	ODISHA	18	33	0.9	5.5	6.5	7.5	164	460	0.7	20.6	0.2	6.6	24000	160000	24000	160000	-	-
3897	GANGUA AT PALASUNI	ODISHA	18	33	1	4.6	6.6	7.8	218	528	1.2	25.5	0.2	3.2	24000	160000	24000	160000	-	-
3898	GANGUA AT SAMANTARAPUR	ODISHA	18	32	0.6	4.3	6.5	8	211	541	1.7	39.2	0.2	14.9	54000	160000	160000	160000	-	-
3899	GANGUA AT VADIMULA	ODISHA	16	30	0.9	7.9	6.7	7.4	167	544	2.0	12.6	0.1	6.1	5400	160000	16000	160000	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3903	KUSHABHADRA AT BHINGARPUR	ODISHA	24	33	6.5	10.6	6.7	8.4	132	363	0.2	2.3	0.1	3.6	45	3500	230	17000	-	-
3904	KUSHABHADRA AT NIMAPARA	ODISHA	25	34	5.8	9.3	6.8	8.2	147	281	0.6	2.6	0.1	0.6	130	2500	490	5400	-	-
3905	KUSHABHADRA AT GOP	ODISHA	25	31	5.9	9.1	6.9	8.3	142	291	0.3	2.5	0.1	0.6	330	2400	790	4000		-
3906	MANGALA AT PURI U/s MALATIPATPUR	ODISHA	20	29	5.4	7.8	6.5	8.5	125	412	0.5	1.7	0.3	0.7	45	2400	170	3500	-	-
3907	MANGALA AT PURI D/s GOLASAH	ODISHA	21	29	5.4	8.9	6.7	8.4	180	25530	0.8	7.4	0.2	10.6	1.8	5400	110	11000	-	-
3908	BHARGAVI AT CHANDANPUR	ODISHA	21	30	5.5	8.2	6.5	8.4	156	580	0.3	1.4	0.1	0.5	170	2200	790	9200	-	-
3909	KANSARI RIVER AT BANAPUR ROAD NEAR PURUSHOTTAMPUR	ODISHA	18	30	5.8	7.9	6.6	8.2	168	341	0.5	2.5	0.1	0.6	78	3300	490	4900	-	-
3910	BADASANKHA NADI NEAR LANGALESWAR	ODISHA	18	31	4.5	8.5	6.6	8.2	195	5070	0.6	2.3	0.1	1.3	45	2400	330	4900	-	-
3911	RATNACHIRA NADI AT KUMARADIHI	ODISHA	21	29	5.5	7.8	6.6	8.3	146	534	0.4	2.7	0.1	0.6	45	3500	170	3500	-	-
3912	NUNA NADI AT BIJIPUR	ODISHA	21	35	4.7	7.7	6.8	8.3	128	529	0.6	2.5	0.2	0.9	330	2200	1100	4700	-	-
3913	KUSUMI NADI NEAR TANGI (LAXMIDHARA PUR)	ODISHA	16	29	6.1	9.1	6.6	8.2	116	452	0.5	2.6	0.2	1.2	330	3500	1300	5400	-	-
3914	SABULIA NADI NEAR RAMBHA (AT JAGANNATHPATNA)	ODISHA	20	30	5.8	7.8	6.8	8.4	141	792	0.4	2.2	0.1	1.5	78	3500	270	5400	-	-
2412	SANKHA U/s ( D/S OF MANDIRA DAM)	ODISHA	18	34	5.6	9.1	6.6	7.6	108	246	0.2	1.5	0.2	1.3	20	3300	45	4900	-	-

Table - 11 (a) - Water Quality Of River Baitarni And Its Tributary Streams - Salandi &amp; Kusei (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1081	BAITARNI AT JODA	ODISHA	12	25	5.5	8	6.8	7.8	101	249	0.3	1.8	0.09	0.6	78	2200	230	3500	-	-
1082	BAITARNI AT ANANDPUR	ODISHA	17	28	6.2	8.6	6.7	8.1	96	330	0.3	1.6	0.09	1.11	78	3300	490	4700	-	-
1083	BAITARNI AT JAJPUR	ODISHA	18	30	6.4	7.9	7.1	8.2	113	262	0.3	2.4	0.14	1.53	68	1700	490	4300	-	-
1085	BAITARNI AT DHAMRA	ODISHA	20	28	6.4	8.4	7	8	259	44340	0.4	1.8	0.1	0.71	18	1600	40	3500	-	-
3935	BAITARNI RIVER AT NAIGARH	ODISHA	11	26	5.8	8.2	6.3	8	78	183	0.3	1.7	0.1	0.5	20	2200	170	4700	-	-
3936	BAITARNI RIVER AT UNCHABALI	ODISHA	13	27	6	7.9	6.8	7.8	73	183	0.3	1.4	0.1	0.5	20	2400	68	3500	-	-
3938	BAITARNI RIVER AT TRIBINDHA	ODISHA	15	27	6.3	7.9	6.6	8	100	241	0.3	1.3	0.1	0.4	20	1700	130	2200	-	-
3937	BAITARNI RIVER AT CHAMPUA	ODISHA	10	29	6.2	8.3	6.5	7.8	108	239	0.4	1.8	0.1	0.7	20	1100	92	1700	-	-
1084	BAITARNI AT CHANDBALI U/s	ODISHA	20	32	6	8.4	7	8.5	130	19480	0.2	1.6	0.111	0.74	170	3500	430	5400	-	-
10018	RIVER BAITARNI AT CHANDBALI D/s	ODISHA	20	32	6.4	8.4	7	8.4	151	24419	0.2	2.3	0.1	0.8	330	3500	920	5400	-	-
3940	SALANDI AT BHADRAK U/s	ODISHA	17	30	6	8.8	6.8	8.2	125	260	0.2	1.2	0.1	0.6	45	3500	110	4300	-	-
3941	SALANDI AT BHADRAK D/s	ODISHA	17	30	5.8	8.8	6.9	8.1	129	284	0.4	2.3	0.2	0.6	78	3500	700	5400	-	-
2421	KUSEI BEFORE JOINING WITH BAITARANI RIVER AT ANANDPUR, DEOGAON	ODISHA	16	27	5.7	10.8	6.8	8.3	105	341	0.3	2.2	0.1	0.8	220	7000	1100	9400	-	-

Table - 11(b): - Water Quality Of River Brahmani And Its Tributary Streams Kharasrota, Bangurusingada Jhor &amp; Karo (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1037	BRAHMANI AT U/S PANPOSH	ODISHA	19	34	6.2	8.9	6.8	7.9	112	246	0.4	2.3	0.18	1.21	78	1700	490	3500	-	-
1038	BRAHMANI AT D/S PANPOSH AT DEOGAN	ODISHA	20	36	4.2	7.6	6.4	7.7	181	472	2.2	5.3	0.17	19.2	1400	35000	3500	54000	-	-
1302	BRAHMANI AT ROURKELA D/s AT JALDA	ODISHA	21	33	4.5	8.1	6.5	7.7	137	337	0.5	4.6	0.2	7.3	640	14000	2100	22000	-	-
2414	BRAHAMANI AT ROURKELA FD/s AT BIRITOLA	ODISHA	20	33	5	8.4	6.6	7.9	117	273	0.4	1.8	0.2	2.4	1.8	2200	45	3500	-	-
1039	BRAHMANI AT BONAIGARH	ODISHA	20	32	6.1	9.4	6.7	7.8	127	258	0.2	1.2	0.26	3.44	1.8	4900	130	11000	-	-



Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1040	BRAHMANI AT RENGALI	ODISHA	20	31	6	9.6	6.9	8.4	83	218	0.4	1.3	0.15	0.55	14	330	130	1100	-	-
1041	BRAHMANI AT SAMAL	ODISHA	21	29	6	9.4	6.9	8.2	100	241	0.3	1.8	0.15	1.91	20	490	130	3500	-	-
2415	BRAHMANI AT TALCHER FU/s (INTAKE WELL OF MCL, TALCHER)	ODISHA	20	30	6.8	9.2	7	8.2	114	213	0.2	1.3	0.1	1.6	1.8	330	45	1400	-	-
2416	BRAHMANI AT TALCHER FD/s	ODISHA	19	29	6.6	9.4	7.2	8.2	176	243	0.2	2.2	0.1	1.8	1.8	490	130	1300	-	-
1042	BRAHMANI AT KAMALANGA (TALCHER D/s)	ODISHA	19	29	7	9	6.8	8.1	135	293	0.4	2.1	0.13	1.23	1.8	1700	170	3500	-	-
2417	BRAHAMNI AT DHENKANAL D/S, DHENKANAL TOWN	ODISHA	20	29	7.2	8.8	7	8.4	138	259	0.3	1.8	0.2	1.5	20	1300	130	4900	-	-
1303	BRAHMANI AT TALCHER U/s	ODISHA	19	29	7	8.8	6.6	8.2	114	210	0.2	1.9	0.1	1.1	1.8	790	68	2400	-	-
1043	BRAHMANI AT BHUBAN	ODISHA	21	29	7.2	8.8	6.4	8.1	121	248	0.2	1.6	0.14	1.98	1.8	1700	130	3500	-	-
2418	BRAHMANI AT KABATABANDHA (BEFORE IMPACT OF INDUSTRIAL ACTIVITY IN KALINGANAGAR AREA)	ODISHA	18	35	7.2	9.2	6.9	8.4	119	270	0.1	1.2	0.1	4.2	1.8	790	130	1700	-	-
1044	BRAHMANI AT DHARMASHALA U/s	ODISHA	20	32	7.2	8.1	7	8.4	132	295	0.6	1.7	0.13	0.61	20	3500	330	5400	-	-
1045	BRAHMANI AT PATTAMUNDAI	ODISHA	20	32	5.8	9.6	7	8.4	154	367	0.3	1.1	0.09	0.4	1.8	2800	460	5400	-	-
3916	ROURKELA FD/s AT ATTAGHAT	ODISHA	21	34	5.2	8.2	6.5	7.6	125	328	0.5	4.6	0.2	3.5	78	2200	340	11000	-	-
3917	BRAHMANI AT MANDAPAL	ODISHA	19	29	6.6	8	6.7	7.9	119	196	0.4	2	0.1	1.6	45	2400	230	5400	-	-
3918	BRAHMANI AT DHENKANAL U/s	ODISHA	20	29	7.2	8.6	7.1	7.9	121	255	0.3	1.2	0.2	1.4	13	490	45	1100	-	-
2419	KHARASROTA AT KHANDITARA (D/S OF INDUSTRIAL ACTIVITIES AT KALINGA NAGAR)	ODISHA	19	30	6.8	8.2	7.1	8.3	111	290	0.2	1.1	0.2	0.9	40	1300	110	4300	-	-
2420	KHARASROTA AT AUL	ODISHA	20	33	6.4	9.2	7	8.4	139	301	0.4	1.8	0.1	0.7	110	2400	200	3500	-	-
3922	KHARASROTA AT BINJHARPUR	ODISHA	18	30	6.5	8.4	6.8	8.2	128	231	0.1	1.8	0.2	2.7	110	2400	330	4600	-	-
3931	BANGURUSINGADA JHOR	ODISHA	19	29	5.4	9.6	6.8	8.1	193	541	0.2	2.2	0.1	0.8	20	1300	68	4900	-	-
1035	KARO AT LOHOJIMI U/S, JHARKAND	JHARKHAND	11	28	7.9	8.3	7.2	7.5	-	-	1.8	2.4	0.3	0.3	150	230	930	1200	-	-
3915	KARO RIVER T BADBIL	ODISHA	13	27	5.9	8.3	6.2	8	126	346	0.3	1.2	0.1	3.3	14	1100	110	1700	-	-

Table - 12- : Water quality of river Godavari (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1095	GODAVARI AT U/S OF GANGAPUR DAM, NASHIK	MAHARASHTRA	20	30	5.7	6.5	6.9	7.9	198	782	2.2	4.4	0.3	4.3	1.8	1.8	120	220	1.8	1.8
2177	GODAVARI RIVER NEAR SOMESHWAR TEMPLE, SOMESHWAR, NASHIK	MAHARASHTRA	20	30	5.4	6.1	7.1	7.9	166	1226	2.4	5.6	0.3	6.7	1.8	12	120	540	1.8	2
2179	GODAVARI RIVER AT HANUMAN GHAT, NASHIK CITY, NASHIK	MAHARASHTRA	20	30	5.2	6.3	7.4	8	145	789	3	9.2	0.3	6.2	1.8	11	140	540	1.8	1.8
1096	GODAVARI AT PANCHAVATI AT RAMKUND,NASHIK	MAHARASHTRA	20	32	5	6.1	6.9	7.9	262	925	3.4	14	0.3	5.9	1.8	7	140	280	1.8	1.8
1211	GODAVARI AT NASIK D/S, GADGEBABA MAHARAJ NAGAR, NASHIK	MAHARASHTRA	20	36	5.3	6.3	7.2	7.9	154	943	3.4	9.8	0.3	5.8	2	9	170	280	1.8	1.8
2180	GODAVARI RIVER AT TAPOVAN, TAPOVAN, NASHIK	MAHARASHTRA	20	36	3.8	6.2	6.9	7.9	241	892	3.4	27	0.3	5.5	2	12	210	540	1.8	1.8
2181	GODAVARI RIVER AT KAPILA-GODAVARI CONFLUENCE POINT, TAPOVAN, NASHIK	MAHARASHTRA	20	24	3.8	6.1	7	7.7	179	864	3.8	28	0.3	9	2	11	200	540	1.8	1.8
2182	GODAVARI RIVER AT SAIKHEDA, NIPHAD, NASHIK	MAHARASHTRA	14	32	5.2	6.4	6.9	7.9	214	985	3.2	5.6	0.3	6.4	1.8	2	150	280	1.8	1.8
2183	GODAVARI RIVER AT NANDUR-MADMESHWAR DAM, NANDUR, NASHIK	MAHARASHTRA	13	31	5.9	6.7	7	8	179	1024	2.8	4.6	0.3	7.5	1.8	6.8	140	240	1.8	1.8
1312	GODAVARI AT JAYAKWADI DAM, PAITHAN,AURANGABAD	MAHARASHTRA	15	28	5.9	7.5	7.2	8.2	76	1344	2.4	4.5	0.1	1.3	2	4.5	23	140	1.8	1.8
2158	GODAVARI RIVER AT U/S OF PAITHAN AT PAITHAN INTAKE PUMP HOUSE AT JAYAKWADI, PAITHAN, AURANGABAD	MAHARASHTRA	15	28	5.3	7.4	7.7	8.2	61	1308	2	4.5	0.2	1.3	2	6.8	27	180	1.8	1.8
2159	GODAVARI RIVER AT D/S OF PAITHAN AT PATHEGAON BRIDGE, PATHEGAON, PAITHAN, AURANGABAD	MAHARASHTRA	14	30	5.2	7.3	7.5	8.3	103	1317	2.4	4.5	0.3	1.2	2	4	21	140	1.8	1.8
12	GODAVARI AT DHALEGAON, PATHARI, PARBHANI	MAHARASHTRA	18	36	6.02	7.42	7.3	8.4	350	19600	2	4	0.3	3.33	2	17	58	140	2	2
2160	GODAVARI RIVER AT U/S OF AURANGABAD RESERVOIR, KAIGAON TOKKA NEAR KAIGAON BRIDGE,KAIGAON, GANGAPUR, AURANGABAD	MAHARASHTRA	14	28	5	7.3	7.2	8.2	338	20360	2.6	6.5	0.3	3.3	2	11	70	170	1.8	1.8

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2161	GODAVARI RIVER AT JALNA INTAKE WATER PUMP HOUSE, SHAHABAD, AMBAD, JALNA	MAHARASHTRA	21	30	5.7	7.3	7.2	8.5	175	1129	2.1	6.5	0.1	1.1	2	4.5	33	170	1.8	1.8
2157	GODAVARI RIVER AT LATUR WATER INTAKE NEAR PUMP HOUSE AT DHAMEGAON, KALUMB, OSMANABAD	MAHARASHTRA	16	38	5.6	7.4	7.4	8	392	58960	2.2	6.5	0.2	4.9	2	23	85	240	1.8	1.8
1210	GODAVARI AT VISHNUPURI, NANDED, NANDED	MAHARASHTRA	18	40	4.9	7.4	7	8.1	381	21860	2.4	5	0.2	3.6	2	4	43	130	1.8	1.8
1209	GODAVARI AT RAHER, NAYAGAON, NANDED	MAHARASHTRA	18	26	4.3	7.4	7.4	8.2	395	755	2.6	6.5	0.3	1.1	2	6.8	41	170	-	-
2360	GODAVARI AT BASARA, ADILABAD	TELANGANA	16	28	5.9	7.6	6.8	8.3	387	656	1.9	15	3.2	12.2	1.8	2	10	36	-	-
2361	GODAVARI AT MANCHERIAL, NEAR RLY BDG B/C OF RALLAVAGU	TELANGANA	3	30	4.8	8.9	7.2	8.3	151	672	2	3	0.3	1.7	1.8	4	26	60	-	-
13	GODAVARI AT MANCHERIAL	TELANGANA	24	30	4.5	6	7.4	8.4	70	771	3	8	0.19	3.6	1.8	1.8	32	40	-	-
2362	GODAVARI AT RAMAGUNDAM D/S, NEAR FCI INTAKE WELL, KARIMNAGAR	TELANGANA	24	30	3.8	5.8	7.3	8.3	489	787	3	18	0.1	3	1.8	1.8	25	33	-	-
2363	GODAVARI AT GODAVARIKHANI, NEAR BATHING GHAT, KARIMNAGAR	TELANGANA	25	30	4.4	5.4	7.1	8.1	476	1197	3	16	1.4	4.8	1.8	1.8	26	52	-	-
2364	GODAVARI AT RAMAGUNDAM U/S, KARIMNAGAR	TELANGANA	23	30	4	6.2	7.4	8.3	476	694	3	12	0.4	4.9	1.8	1.8	12	33	-	-
2356	GODAVARI, D/S OF RAMANUGUNDAM, MANTHANI	TELANGANA	25	29	4	5.3	7.4	8.2	508	1161	3	24	1.2	6.8	1.8	1.8	20	70	-	-
2365	GODAVARI AT KAMALPUR U/S M/S AP RAYONS LTD. INTAKE WELL, WARANGAL	TELANGANA	25	30	5.2	6.6	7.2	8.2	268	478	2	10	0.4	4.4	1.8	1.8	24	60	-	-
2367	GODAVARI AT BHADRACHALAM U/S BATHING GHAT, KHAMMAM	TELANGANA	24	36	5	6.2	7.4	8.2	304	456	2.2	12	0.3	4.5	1.8	1.8	14	14	-	-
2369	GODAVARI AT BURGAMPAHAD, KHAMMAM	TELANGANA	23	35	5	6.2	7.4	8.1	235	532	3	10	0.3	4.9	1.8	1.8	24	26	-	-
2366	GODAVARI AT KAMALPUR D/S AT M/S. AP RAYONS LTD. DISCHARGE POINT, WARANGAL	TELANGANA	25	30	4.8	6	7.1	8.4	292	502	3	4	0.2	2.2	1.8	1.8	32	102	-	-
2368	GODAVARI AT BHADRACHALAM D/S BATHING GHAT, KHAMMAM	TELANGANA	24	36	4.3	6	7.3	8.3	310	510	3	16	0.3	4.6	1.8	1.8	20	38	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1218	GODAVARI AT RAJAHMUNDRI U/s, KUMARADEVAM, EAST GODAVARI	ANDHRA PRADESH	25	33	5.6	8.1	7.1	8.3	137	291	1.2	2.5	0.2	5.7	4	11	39	150	-	-
1219	GODAVARI AT RAJAHMUNDRI D/s, DHAVALSWARAM, EAST GODAVARI	ANDHRA PRADESH	25	35	6	8	6.6	8.3	163	262	1	2.6	0.4	4.4	7	20	75	210	-	-
2370	GODAVARI AT RAJAMUNDRI U/s OF NALLA CHANNEL, EAST GODAVARI DISTRICT	ANDHRA PRADESH	25	34	5.1	7.8	6.4	8.6	187	298	1.2	2.5	0.4	3.1	4	15	69	240	-	-
2371	GODAVARI AT RAJAMUNDRI D/s OF NALLA CHANNEL, EAST GODAVARI DISTRICT	ANDHRA PRADESH	25	34	5.7	7.7	6.5	8.4	172	329	1.5	2.4	0.4	3.9	7	28	75	460	-	-
14	GODAVARI AT POLAVARAM, WEST GODAVARI DISTRICT	ANDHRA PRADESH	25	34	5.9	8.5	7.1	8.4	147	284	1	2.4	0.27	6.03	5	14	45	150	-	-

**Table 12.1 :- Water Quality of Tributary Streams Indravati, Shankni, Manjeera, Maner, Wardha, Wainganga, Kanhan, Kinnerani, Sabari, Bindusara, Penganga, Wena, Kolar, Purna, Darna, & Karkavagu (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1854	INDRAVATI RIVER A/C DANTEWADA RIVER, NELSONNAR, DANTEWADA, CHHATISGARH.	CHHATTISGARH	25	32	7.2	7.7	7.5	7.8	-	-	2.4	2.8	-	-	1.8	14	6	94	-	-
1855	INDRAVATI RIVER B/C GODAVARI AT BHOPALPATNAM, DANTEWADA, CHHATISGARH.	CHHATTISGARH	25	32	7.0	7.8	7.2	7.4	-	-	1.8	3.0	-	-	2	14	2	110	-	-
1856	SHANKNI RIVER A/C DANKANI RIVER DANTEWADA, CHHATISGARH.	CHHATTISGARH	25	31	7.3	7.7	7.2	7.6	-	-	2.2	2.4	-	-	1.8	12	6	70	-	-
2374	MANJEERA AT GOWDICHARLA B/C WITH NAKKAVAGU	TELANGANA	20	26	4.9	6.5	7.1	7.5	970	1765	2.1	3	6.3	19.3	1.8	1.8	36	40	-	-
2375	MANJEERA AT GOWDICHARLA A/C WITH NAKKAVAGU	TELANGANA	20	26	3.9	6.7	6.9	7.5	970	1782	2.1	31	4.2	15.3	1.8	1.8	33	38	-	-
1781	MANJEERA RIVER - NEAR GANAPATHI SUGARS , MEDAK DIST.	TELANGANA	21	25	5.9	6.7	7.1	7.6	453	827	2.0	3.0	1.2	13.3	1.8	1.8	12	70	-	-
1157	MANJEERA AT RAIPALLY	TELANGANA	22	25	6.5	6.8	7.1	7.4	22	515	2.0	6.0	0.2	8.5	1.8	1.8	22	23	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1215	MANER AT WARANGAL U/S (RIVER MANERU AT THUMMALA CHERUVU/MADANNAPET)	TELANGANA	27	29	5.0	5.8	7.0	8.0	418	590	3.0	3.0	0.6	1.0	1.8	1.8	24	60	-	-
1158	MANER AT SOMNAPALLI	TELANGANA	24	28	4.9	5.4	7.7	8.3	486	680	2	16	0.3	3.3	1.8	1.8	26	26	-	-
2719	WARDHA RIVER AT D/S OF ERAI RIVER, HADASTI, CHANDRAPUR, CHANDRAPUR	MAHARASHTRA	18	44	5.6	8.1	7.2	9.0	188	798	3.4	11.4	0.7	6.2	2	40	110	350	4	7.8
2720	WARDHA RIVER AT U/S OF ERAI RIVER HADASTI, CHANDRAPUR, CHANDRAPUR	MAHARASHTRA	18	44	5	8.3	7.0	9.0	171	744	3	9.2	0.5	5.8	2	32	79	210	3.6	8.3
2721	WARDHA RIVER AT U/S OF ACC GHUGGUS. , CHANDRAPUR, CHANDRAPUR	MAHARASHTRA	17	42	5	8	7.4	8.9	92	820	3.4	9	0.2	11.3	1.8	34	63	350	4	10
2174	WARDHA RIVER D/S OF ACC GHUGGUS, CHANDRAPUR, CHANDRAPUR	MAHARASHTRA	16	40	5.6	7.8	7.7	9.0	154	980	3.4	5.7	0.3	5	2	39	150	280	6.8	12
2156	WARDHA RIVER AT CONFLUENCE POINT OF PENGANGA & WARDHA AT JUGAD, WANI, YAVATMAL	MAHARASHTRA	15	42	5.4	8.5	7.0	9.0	188	888	3	7.8	0.3	6.7	1.8	47	140	350	6.8	9.3
1212	WARDHA AT RAJURA BRIDGE, RAJURA, CHANDRAPUR, CHANDRAPUR	MAHARASHTRA	16	45	4.8	8.3	7.7	8.9	230	1844	3.2	8.2	0.5	10.5	1.8	47	140	350	1.8	4.5
1315	WARDHA AT PULGAON RAILWAY BRIDGE, PULGAON, WARDHA, WARDHA	MAHARASHTRA	19	30	6.4	8	8.1	8.8	274	732	3.2	3.8	0.3	3.3	14	130	27	430	4.5	11
1213	WAINGANGA AT BALAGHAT,	MADHYA PRADESH	2.7	30.6	7	8	7.2	8.3	260	4140	1.3	1.8	0.3	1.2	1.8	1.8	-	-	-	-
1214	WAINGANGA AT CHINDWARA,	MADHYA PRADESH			7.2	7.2	7.3	8.3	690	910	1.8	2.8	2.2	2.8	3	4	14	21	-	-
3330	WAINGANGA AT CHHAPARA, NEAR W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	16.1	30.1	7.2	7.7	7.2	8.3	220	438	1.2	1.8	0.3	1.1	1.8	10	39	43	-	-
1910	WAINGANGA AFTER CONLUENCE WITH KANHAN, AMBHORA, KUHI, NAGPUR	MAHARASHTRA	18.2	38	5.7	8	7.7	8.6	209	772	3	4.2	0.6	5.0	26	110	140	920	6.1	7.8
2173	WAINGANGA RIVER U/S OF ELLORA PAPER MILL, TUMSAR, TUMSAR, BHANDARA	MAHARASHTRA	16	35	5.9	8.2	7.2	8.8	94	914	3.2	4.0	0.3	6.1	21	39	52	350	4.5	11
2175	WAINGANGA U/S OF GAURAV PAPER MILLS, NEAR JACKWELL, BRAMHPURI, CHANDRAPUR	MAHARASHTRA	16	46	5.7	8.4	7.2	9	139	2026	3.6	5.6	0.3	3.4	2	47	58	540	4.5	8.3

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2176	WAINGANGA D/S OF GAURAV PAPER MILLS, NEAR JACKWELL, BRAMHPURI, CHANDRAPUR	MAHARASHTRA	18	45	5.9	8.2	7.3	8.9	177	1978	3.2	5.8	0.3	7.9	1.8	39	110	280	7.8	9.1
11	WAINGANGA AT ASHTI,GONDIPIRI, CHANDRAPUR	MAHARASHTRA	17	45	4.34	8.4	7.38	8.93	162	712	3.0	14.0	0.3	11.75	26	34	90	280	6.8	11
3312	KANHAN AT CHINDWARA BEFORE MIXING BOREGAON GROWTH CENTRE NALLA, JABALPUR	MADHYA PRADESH	-	-	7.2	7.4	7.3	7.7	688	693	1.8	2.8	0.3	2.5	3	3	14	23	-	-
2170	KANHAN RIVER U/S OF M/S VIDHARBHA PAPER MILL, SINORA, PARSEONI, NAGPUR	MAHARASHTRA	18	39	5.4	8.6	7.2	8.7	202	1252	3.3	5.8	0.6	8.8	2	170	6.8	900	4	12
2171	KANHAN RIVER D/S OF M/S VIDHARBHA PAPER MILL, SINORA, PARSEONI, NAGPUR	MAHARASHTRA	18	34	4.3	8.2	7.4	8.9	218	1288	3.2	21	0.1	3.3	22	40	110	540	6.1	7.8
1909	KANHAN D/S OF NAGPUR, AGARGAON, KUHI, NAGPUR	MAHARASHTRA	18.5	30	1.8	8.5	7.8	9	272	788	3.2	22	0.3	4.8	4.5	110	7.8	920	8.3	14
2372	KINNERASANI A/C OF KTPS ASH POND EFFLUENTS, KHAMMAM	TELANGANA	22	35	4.8	5.8	7.4	8.1	453	574	3	6	0.3	1.9	1.8	4	22	22	-	-
2373	SABARI AT KUNAVARAM, KHAMMAM	TELANGANA	25	34	5.6	7.5	7.3	8.2	84	138	2	12	0.3	2.2	1.8	1.8	10	10	-	-
2657	BINDUSARA RIVER AT BEED NEAR INTAKE WATER PUMP HOUSE AT DAM, PALIGAON, BEED, BEED	MAHARASHTRA	20	31	5.3	7.5	7.4	8.6	379	53580	2.4	4.8	0.2	4.5	2	46	85	350	1.8	1.8
2697	PENGANGA RIVER NEAR WATER SUPPLY SCHEME OF UMARKHED MC BELKHED, UMARKHED, YAVATMAL	MAHARASHTRA	19	45	6.3	8.2	8.1	8.8	244	732	3.2	4.0	0.3	4.6	11	39	22	280	4	11
2698	PENGANGA RIVER D/S OF ISAPUR DAM, ISAPUR, PUSAD,	MAHARASHTRA	19	46	5.2	7.6	7.2	8.9	92	848	3.2	7.2	0.3	5.2	1.8	170	90	920	4	9.1
2699	PENGANGA RIVER AT MEHKAR-BULDANA ROAD BRIDGE, MEHKAR, BULDANA	MAHARASHTRA	18	33	5.2	7.8	7.6	8.6	285	810	3.4	5.2	0.2	8.7	24	140	280	350	5.6	8.1
2722	WENA RIVER AT U/S OF MOHATA MILLS, NEAR RAILWAY BRIDGE, HINGANGHAT, WARDHA	MAHARASHTRA	14	27	5	8.4	7.4	8.8	172	936	3	4.7	0.2	2.9	17	39	63	280	2	9.8
2723	WENA RIVER AT D/S OF MOHATA MILLS, NR RD BRG ON HINGANGHAT-WADNER ROAD, HINGANGHAT, WARDHA	MAHARASHTRA	14	27	5.2	7.4	7.8	8.8	190	992	4.2	7.6	0.2	3.7	22	47	110	350	4.5	10

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1908	KOLAR BEFORE CONFLUENCE TO KANHAN AT WAREGAON, KAMPTEE, NAGPUR	MAHARASHTRA	18	31	5.5	8.2	7.8	8.9	348	1332	3.1	4.6	0.7	8.9	13	140	46	350	7.8	9.2
2660	DARNA RIVER AT CHEHEDI PUMPING STATION, CHEHEDI, NASHIK, NASHIK	MAHARASHTRA	15	30	5	6.7	7.2	8.1	189	898	3	4.8	0.3	6.5	1.8	4	59	280	1.8	1.8
2661	DARNA RIVER AT ASWALI (DARNA DAM), LGATPURI, NASHIK	MAHARASHTRA	20	29	5.9	6.6	7.3	8	156	493	2.8	4.2	0.3	3.4	1.8	2	72	220	1.8	1.8
2662	DARNA RIVER AT MES SITE PUMPING STATION, BHAGUR,	MAHARASHTRA	21	31	5	7	7.3	7.9	137	599	3	4.8	0.3	5.5	1.8	5.6	110	240	1.8	1.8
2663	DARNA RIVER AT BHAGUR PUMPING STATION NEAR PANDHURLI BRIDGE, BHAGUR,	MAHARASHTRA	21	32	4.8	6.5	7.2	8	139	695	3.2	4.6	0.3	3.9	1.8	170	110	220	1.8	1.8
2664	DARNA RIVER AT SANSARI , NASHIK, NASHIK	MAHARASHTRA	21	32	5.2	6.3	7.2	8.1	169	838	3	16.5	0.3	4	1.8	425	107	240	1.8	1.8
3080	KARAKAVAGU U/S AT PALONCHA, KHAMMAM	TELANGANA	22	33	4.6	6	7.2	8	348	602	3	3	0.3	1.5	1.8	1.8	14	14	-	-
3081	KARAKAVAGU D/S AT PALONCHA, KHAMMAM	TELANGANA	24	35	4.2	5.8	7.2	8.1	495	683	3	4	0.5	2.8	1.8	17	30	240	-	-

Table - 13 - : Water quality of river Krishna (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1194	KRISHNA AT MAHABALESHWAR DHOM DAM NEAR KOINA DAM, MAHABALESHWAR, SATARA	MAHARASHTRA	22	31.5	2.9	6.9	7.1	8.2	82	1174	1.8	11	0.3	3.3	7	195	45	1600	4	4
2190	KRISHNA RIVER AT WAI, SATARA	MAHARASHTRA	22	30	3.6	6.5	7.3	8.5	88	715	2.8	7.2			45	275	550	1800	2	2
2187	KRISHNA RIVER AT KSHETRA MAHULI, MAHULI, SATARA	MAHARASHTRA	20	26	3.7	6.4	7.3	8.7	161	625	3.0	8.0	0.2	5.8	95	350	900	1800	2	5
2188	KRISHNA RIVER AT KRISHNA-VENNA SANGAM AT MAHULI, SATARA	MAHARASHTRA	19.5	25	3.8	6.6	7.2	8.6	182	641	2.6	6.5	-	-	50	550	550	1800	4	4
36	KRISHNA AT KRISHNA BRIDGE, KARAD, KARAD, SATARA	MAHARASHTRA	22	30	3.6	6.7	7.3	8.5	77	638	2.8	7.0	0.3	4.8	17	350	350	1800	1.8	5
1906	KRISHNA D/S OF ISLAMPUR, WALWA, SANGLI	MAHARASHTRA	21	28	5.7	7	7.3	8.1	64	854	1.8	2.8	2	3.4	4	14	34	150	1.8	1.8

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1153	KRISHNA AT RAJAPUR WEIR, RAJAPUR, SHIROL, KOHLAPUR	MAHARASHTRA	20	28	5.7	7.1	7.1	8.2	158	952	2.0	2.6	0.1	2.8	6.1	17	39	140	2	2
37	KRISHNA AT GAWALI GALLY, MIRAJ, SANGLI	MAHARASHTRA	22	23	5.2	7	7.1	8.3	175	957	1.8	2.8	0.3	3.99	4.5	12	40	120	1.8	1.8
1310	KRISHNA AT KURUNDWAD, SHIROL, KOLHAPUR	MAHARASHTRA	21	28	6	7	6.8	8.2	101	2471	1.8	2.4	0.1	2.6	2	12	23	130	1.8	4
1889	KRISHNA - ANKALI BRIDGE ALONG CHIKKODI KAGWAD ROAD	KARNATAKA	22	30	7	8.1	7.3	8.3	271	1260	0.7	2.4	3.1	10.3	500	1800	1600	3200	6	500
1182	KRISHNA AT U/S OF UGARKHURD BARRAGE,	KARNATAKA	22	28	6.9	8.7	7.5	8.4	270	998	1	3.6	2.6	9.3	220	1800	900	3200	6	500
2781	KRISHNA AT D/S OF ALAMATTI DAM,	KARNATAKA	28	34	5.4	10	7.4	9.4	392	3360	0.2	4.7	0.5	46.3	170	1000	500	1800	16	280
1181	KRISHNA AT D/S OF NARAYANPURA DAM,	KARNATAKA	26	34	5.3	10.1	7.5	9.5	390	3300	0.1	4.4	0.4	44.8	170	1800	500	3200	16	280
1028	KRISHNA AT TINTINI BRIDGE,	KARNATAKA	27	29	6.6	7.6	8	8.5	350	926	2.0	2.6	0.2	0.37	110	350	540	1600	-	-
1170	KRISHNA AT D/S OF DEVASAGAR BDG.,	KARNATAKA	26	31	7	7.8	8.1	8.6	470	2000	2.5	64	0.2	0.3	220	470	920	2200	-	-
1784	KRISHNA AT THANGADI , MAHABOONNAGAR DIST.	TELANGANA	25	30	4	6.2	7.6	8.5	456	1062	3.0	3.0	0.2	1.8	1.8	1.8	20	20	-	-
39	KRISHNA AT GADWAL BRIDGE	TELANGANA	26	30	4.6	6.1	7.5	8.5	372	982	0.4	3.0	0.1	2.4	1.8	1.8	22	22	-	-
1465	KRISHNA AT WADAPALLY AFTER CONFL. WITH R. MUSI(SHIFTED FROM 1220)	TELANGANA	18	23	5.9	7.4	6.7	7.6	467	1299	2.0	3.0	6.3	36.4	1.8	1.8	41	48	-	-
1175	KRISHNA A/c WITH TUNGABHADRA, SANGAMESHWARAM, KURNOOL	ANDHRA PRADESH	16	27	5.8	7.2	6.6	7.9	243	834	0.7	2.5	0.5	6.1	1.8	200	500	1100	-	-
1786	KRISHNA AT VEDADRI, KURNOOL	ANDHRA PRADESH	22	28	7	7.5	7.4	7.9	369	980	0.8	1.8	0.4	1.6	1.8	3	120	1300	-	-
3083	KRISHNA D/S OF SRISHAILAM, KURNOOL	ANDHRA PRADESH	14	25	5.2	7.2	7.1	7.8	263	514	0.8	1.8	0.6	1.4	1.8	300	200	1600	-	-
3079	D/S OF RIVER KRISHNA A/C WITH TREATED SEWAGE DISCHARGING FROM 10mLD STP LOCATED AT RAMALINGESHWARNAGAR, VIJAYAWADA, KRISHNA	ANDHRA PRADESH	26	27	7.2	7.4	7.6	8.5	354	698	0.8	1.2	0.3	0.4	2	2	210	920	-	-
1787	KRISHNA AT AMARAVATI, GUNTUR	ANDHRA PRADESH	18	24	7	7.5	7.3	7.9	218	784	0.8	1.4	0.2	1.7	1.8	3	150	800	-	-
25	KRISHNA AT VIJAYWADA, KRISHNA	ANDHRA PRADESH	22	28	7	7.4	7.1	8	286	1041	0.8	1.6	0.36	1.36	1.8	3	210	800	-	-
1782	KRISHNA AT HAMSALADEEVI PULIGADDA AQUEDUCT NEAR AVANIGADDA(V)	ANDHRA PRADESH	25	31	4.9	6	7.1	7.9	21320	38100	1.8	2.6	0.7	1.1	2	4	130	1600	-	



Table- 13.1: Water Quality of Tributary Streams Panchaganga and Bhima (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1311	PANCHAGANGA AT ICHALKARANJI, SHIRADWAD,HATKANANGALE,	MAHARASHTRA	22	29	6.2	6.9	7	8.3	95	598	2	2.6	0.2	4.1	5	17	33	170	1.8	2
2163	PANCHAGANGA RIVER AT SHIROL NEAR SHIROL INTAKE WELL, KOLHAPUR	MAHARASHTRA	22	28	6	7	7.2	7.9	93	922	1.8	2.4	0.1	2.2	6.8	17	46	150	1.8	1.8
1904	PANCHAGANGA U/S OF KOLHAPUR TOWN, BALINGA, KARVIR, KOLHAPUR	MAHARASHTRA	20	27	5.7	7	6.5	8.2	71	2367	1.8	2.6	0.1	2.3	2	21	27	176	4	4
1905	PANCHAGANGA D/S OF KOLHAPUR TOWN, UCHEGAON, KOLHAPUR	MAHARASHTRA	22	28	5.9	7	6.9	8.1	80	421	1.8	2.6	0.1	2.2	6.8	27	49	220	1.8	6
1189	BHIMA AT PUNE U/S VITHALWADI, HAWELI, PUNE	MAHARASHTRA	23	29	2.1	6.5	6.6	8.4	81	2814	2.8	38	0.2	5.1	7	1800	900	1800	12	30
2655	BHIMA RIVER AT KOREGAON NEAR KOREGAON BRIDGE, SHIRUR, PUNE	MAHARASHTRA	22	36	1.2	6.5	7.4	8.7	185	940	2.8	15	0.3	8.4	70	550	900	1800	6	10
1190	BHIMA AT PUNE, D/S OF BUNDGARDEN, YERWADA, HAWELI, PUNE	MAHARASHTRA	23	29	0.7	6.3	6.9	8.2	80	860	3.8	19	0.2	7.4	110	1600	550	1800	2	35
1191	BHIMA AT PARGAON (AFTER CONFL. WITH MULA MUTHA),PARGAON, DAUND,	MAHARASHTRA	24	29.5	3.8	6.5	7.4	8.8	226	1393	2.5	8	0.3	7	12	550	350	1800	17	17
1192	BHIMA AFTER CONF. WITH DAUND, DAUND, PUNE	MAHARASHTRA	22	30	3.1	6.6	7.3	8.8	137	1568	2.2	7.5	0.3	6	4	550	110	1800	1.8	8
1188	BHIMA AT NARSINGPUR, (D/S AF.CONFL. WITH R.NIRA), NARSINGPUR, MALSHIROS	MAHARASHTRA	25	29	1.6	6.5	7.6	8.4	241	1410	2.8	11	0.2	5.6	25	350	350	1800	4	12
28	BHIMA AT TAKLI, SOUTH SOLAPUR, SOLAPUR	MAHARASHTRA	20	29	2.4	7.2	7.6	8.6	82.2	1151	1.8	8.5	0.2	4	9	200	195	1600	2	7
1183	BHIMA AT D/S OF ROAD BRIDGE AT GANGAPUR VILLAGE,	KARNATAKA	27	29	6	7.2	7.6	8.5	462	858	2	4	0.1	0.6	300	790	900	2800	-	-
1184	BHIMA AT FEROZABAD VILLAGE (D/S),	KARNATAKA	29	30	6.3	7.8	8.4	8.5	405	1000	2	4	0.1	0.5	110	500	540	1600	-	-
1167	BHIMA AT D/S OF BDG. NEAR YADGIR,	KARNATAKA	24	38	6.2	7.8	8	8.8	570	1324	2.5	4	0.1	0.4	300	700	1600	2800	-	-
1888	BHIMA RIVER AT CONFLUENCE OF JEWARGI TOWN SEWAGE DISPOSAL POINT	KARNATAKA	28	30	5.8	7.8	8	8.6	410	1006	2.5	4	0.1	0.5	240	700	920	2800	-	-
2656	BHIMA RIVER-BACKWATER OF UJANI DAM NEAR RAW WATER PUMP HOUSE, KUMBARGAON, INDAPUR, PUNE	MAHARASHTRA	22	29.5	4.6	6.8	7.3	8.6	222	1548	2.4	8	0.3	6	8	1800	350	1800	2	25

**Table 13.2 - Water Quality of Tributary Streams Ghatprabha, Malprabha, Tungbhadra, Bhadra, Musi, Palleru, Muneru, Kagina, Nakkavagu, Hundri, Nira, Venna, Koyna, Mula Mula - Mutha, Mutha, Pawana, Indrayani, Chandrabhaga, Ghod, Sina, Urmodi and Vel (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1185	GHATPRABHA AT D/S OF MUDHOL RD. CROSS BDG.,	KARNATAKA	18	27	5.5	7.6	7.3	8.9	87	850	0.3	2.9	0.3	10.1	20	900	95	1600	3	110
1163	GHATPRABHA AT W.A. POINT TO GOKAK TOWN,	KARNATAKA	24	35	3.8	7.7	6.7	8.5	191	582	1.0	2.7	0.3	19.7	170	900	900	1700	6	350
1187	MALPRABHA AT D/S OF KHANAPUR VILLAGE,	KARNATAKA	24	32	5.4	8	6.8	8.7	68	320	1.0	2.9	0.2	8.1	26	1800	88	3200	16	280
1164	MALPRABHA AT WATER ABSTR. PT. TO HUBLI, DHARWAR,	KARNATAKA	24	34	6.1	11.9	7.5	8.3	210	1023	0.2	2.8	0.3	8.9	170	1800	900	3200	16	110
1186	MALPRABHA AT D/S OF AIHOLE TOWN,	KARNATAKA	19	27	5.2	7.7	7.1	8.7	81	840	0.9	2.4	0.3	15.3	15	1000	65	1800	3	110
2764	MALPRABHA AT BADAMI BRIDGE,	KARNATAKA	20	26	4.7	8.2	7.6	8.5	189	962	0.6	2.4	0.3	14.2	220	1000	1600	1800	16	110
1029	TUNGABHADRA AT HARALAHALLI BRIDGE,	KARNATAKA	26	29	5.7	7.5	7.15	8.01	145	470	2.0	3.0	0.2	1.11	500	1100	1400	1700	-	-
29	TUNGABHADRA AT ULLANUR	KARNATAKA	24	28	6.9	7.6	7.8	8.8	240	960	2.0	4.0	0.3	0.23	38	460	96	1700	-	-
2767	TUNGABHADRA AT U/S OF HPF,	KARNATAKA	25	27	6.7	7.6	7.2	8	98	420	2.0	3.0	0.1	1.0	500	1400	900	2800	-	-
2768	TUNGABHADRA AT D/S OF HPF,	KARNATAKA	26	28	5.3	6.5	7	7.9	240	940	3.0	6.2	0.1	1.1	500	1300	1600	2400	-	-
2769	TUNGABHADRA AT JACKWELL POINT,	KARNATAKA	26	28	5.8	6.8	7.1	8	80	410	2.0	3.0	0.1	1.3	500	1400	900	2400	-	-
2770	TUNGABHADRA AT HARIHAR WATER SUPPLY INTAKE,	KARNATAKA	25	27	6.2	7.3	6.7	7.9	126	625	2.2	5.6	0.3	1.0	900	22000	2200	50000	-	-
2776	TUNGABHADRA AT D/S OF GANGAWATHI,	KARNATAKA	24	34	6.9	7.4	8	8.7	210	541	2.0	3.0	0.3	0.3	60	350	168	1600	-	-
2766	TUNGABHADRA AT NEW BRIDGE,	KARNATAKA	25	27	6.5	7.5	7.2	8	130	420	2.1	2.8	0.1	0.7	500	1100	900	2200	-	-
1174	TUNGABHADRA AT KURNOOL U/s, BHAVAPURAM, KURNOOL	ANDHRA PRADESH	18	26	5.4	7.1	6.8	8.1	226	1598	1.0	2.8	0.6	1.9	1.8	100	500	800	-	-
1785	TUNGABHADRA AT MANTHRALAYAM, KURNOOL	ANDHRA PRADESH	17	26	5.2	7	6.2	7.9	261	1403	0.8	2.8	0.3	2.3	100	200	300	1000	-	-
1168	TUNGA AT D/S OF SHIMOGA TOWN,	KARNATAKA	22	32	6.2	7.2	6.9	8.1	148	250	3.0	4.2	0.3	0.9	1100	90000	2800	160000	-	-
1896	TUNGABHADRA AT CONFLUENCE POINT OF TUNGA AND BHADRA AT KUDLI	KARNATAKA	23	30	6.2	7.8	6.8	8	138	224	2.0	2.8	0.3	0.6	500	1300	1000	2800	-	-
1091	BHADRA AT MALLESWARAM D/S OF KIOCL	KARNATAKA	17	23	5.3	6.9	6.7	7.5	67	120	1.0	2.0	0.1	0.1	14	70	240	540	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1387	BHADRA AT D/S OF BHADRAVATHI,	KARNATAKA	23	30	6.4	7.2	7.1	8.1	150	300	3.0	4.2	0.2	0.9	5000	50000	9000	90000	-	-
1169	BHADRA AT D/S OF KIOCL ROAD BRIDGE, NEAR HOLEHUNNUR,	KARNATAKA	23	31	6.6	7.8	7	8.1	140	240	2.5	3.0	0.2	0.8	1400	14000	2200	22000	-	-
2765	BHADRA AT U/S OF MPM,	KARNATAKA	23	31	6.2	7.8	7.2	7.9	130	275	2.0	2.8	0.2	0.8	500	900	900	1700	-	-
2771	BHADRA AT U/S OF KIOCL,	KARNATAKA	16	22	5.6	7	6.6	7.3	60	110	1.0	2.0	0.1	0.1	11	45	220	350	-	-
1172	MUSI U/S AT GANDIPET, OSMANSAGAR LAKE, HYDERABAD	TELANGANA	25	27	5.1	6.2	6.7	8.2	356	540	2.0	3.0	0.2	8.0	1.8	33	280	280	-	-
1173	MUSI D/S AT PRATAPSINGARAM, HYDERABAD	TELANGANA	20	30	0	2.8	6.9	7.8	1027	1611	8.0	33.0	4.8	77.0	1.8	540	280	1600	-	-
2339	RIVER MUSI AT NAGOLE, RANGAREDDY	TELANGANA	19	31	0.1	0.1	7	7.8	1137	1599	22.0	43	8	63	26	540	280	1600	-	-
3082	MUSI RESERVOIR AT KASANIGUDA, NALGONDA	TELANGANA	17	23	5.9	6.7	6.6	7.9	1262	2899	3.0	4.4	11.4	24.3	1.8	4	40	70	-	-
1178	PALLERU B/c WITH KRISHNA, JAGGAIAPET	ANDHRA PRADESH	23	28	6.9	8	7.6	7.9	740	1138	1.0	1.8	0.6	1.6	2	4	150	1100	-	-
1177	MUNERU B/c WITH KRISHNA, NANDIGAMA	ANDHRA PRADESH	25	27	6.9	7.5	7	8	639	854	0.8	1.8	0.2	1.7	2	4	240	920	-	-
1895	KAGINA D/S OF SEWAGE DISPOSAL POINT	KARNATAKA	29	33	6.8	7.5	8	8.4	453	568	3.0	3.0	0	1.7	240	350	920	1600	-	-
2777	KAGINA AT SHAHABAD BRIDGE,	KARNATAKA	29	32	6	7.2	7.9	8.5	360	527	2.0	2.8	0.1	0.9	220	350	900	1600	-	-
2349	NAKKAVAGU, BACHUGUDEM, MEDAK	TELANGANA	18	30	1.6	6.7	7.1	7.5	910	1823	5.0	11.0	5.4	20.3	1.8	1.8	50	50	-	-
2350	RIVER HUNDRI AT JOHARAPURAM(V), NEAR TEMPLE, KURNOOL	ANDHRA PRADESH	18	25	5.5	6.6	7.2	7.8	587	1389	1.2	2.8	0.3	2.8	1.8	100	500	800	-	-
4259	SAMPLE FROM NAGARJUNA SAGAR DAM SPILL WAY	TELANGANA	17	24	6.4	7.7	7.1	7.9	256	532	2	3	0.2	24.4	1.8	1.8	11	26	-	-
2195	NIRA RIVER AT D/S OF JUBILANT ORGANOSIS, NIMBUT, BARAMATI,PUNE.	MAHARASHTRA	24	29	2.1	6.6	7.5	8.7	174	1068	2.5	10	0.2	2.3	50	900	550	1800	10	12
2681	NIRA RIVER AT SANGAVI, PHALTAN, SATARA	MAHARASHTRA	22	30.5	3.1	6.8	7.2	9	169	4426	2.5	12.5	0.3	9.8	35	195	350	900	4	4
2682	NIRA RIVER AT U/S OF JUBILANT ORGANOSIS, NIRA(DATTAGHAT), BARAMATI, PUNE	MAHARASHTRA	23	28.5	2.7	6.6	7.4	8.6	185	648	2.8	7.5	0.3	2.9	50	550	425	1800	4	11
2683	NIRA RIVER AT SHINDEWADI. SHIRVAL, KHANDALA, SATARA	MAHARASHTRA	22	31	3.2	6.5	6.5	8.4	76	334	2.8	7.5	0.3	2.7	17	225	275	1800	2	2

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1463	NIRA AT SAROLA BDG.ON PUNE-BANGLORE HIGHWAY, SAROLA, BHOR, PUNE	MAHARASHTRA	23	28.5	3.6	6.8	7.3	8.5	93	666	2.4	15	0.3	7.4	40	550	550	1800	7	30
2186	VENNA RIVER AT VARYE, SATARA.	MAHARASHTRA	20	24	4.9	6.8	7.2	8.4	137	478	2	6.2	0.3	4.3	8	275	40	1600	2	2
2716	VENNA RIVER AT MAHABALESHWAR, SATARA	MAHARASHTRA	18	29	3.8	6.6	7.3	8.3	48	191	2	4.2	0.3	1.2	7	195	170	1600	2	2
2717	VENNA RIVER AT MAHULI, SATARA	MAHARASHTRA	18.5	25	3.9	6.8	7.2	8.5	34	510	2.4	7.2	0.3	5.3	9	200	195	1800	1.8	1.8
2189	KOYNA RIVER AT KARAD, SATARA	MAHARASHTRA	22.5	30.5	3.5	6.8	7.3	8.3	69	460	2.4	7.5			65	550	900	1800	2	2
2194	MULA RIVER AT HARRISON BRIDGE NEAR MULA-PAWANA SANGAM, BOPODI, HAWELI,	MAHARASHTRA	23	29	0.8	6.6	7	8.3	102	781	2.6	28	0.1	5.4	225	1800	1800	1800	14	40
2193	MULA RIVER AT AUNDH BRIDGE, AUNDHGAON, HAWELI, PUNE	MAHARASHTRA	23	29.5	0.9	6.5	7	8.4	113	892	2.8	15	0.1	5.2	225	1800	1800	1800	25	40
2192	MULA-MUTHA RIVER AT MUNDHAWA BRIDGE, MUNTHAWA,HAWELI, PUNE	MAHARASHTRA	23	29	0.9	6.8	6.8	8.3	106	685	2.4	22	0.3	5.6	200	1800	1600	1800	25	25
2677	MULA-MUTHA RIVER AT D/S OF THEUR, HAWELI, PUNE	MAHARASHTRA	22	35	1.2	6.6	7.1	8.3	142	718	2.6	16.5	0.2	10.4	60	900	550	1800	6	10
2191	MUTHA RIVER AT SANGAM BRIDGE NEAR GANAPATHY GHAT, SHIVAJINAGAR, PUNE	MAHARASHTRA	23	29	0.9	6.6	6.9	8	106	560	2.8	50	0.1	8.9	110	1800	1600	1800	30	35
2678	MUTHA RIVER NEAR VEER SAVARKAR BHAVAN, PUNE	MAHARASHTRA	23	29	0.9	5.8	7	8	71	580	5.5	24	0.1	9	70	1800	550	1800	35	35
2679	MUTHA RIVER AT DECCAN BRIDGE, DECCAN, PUNE	MAHARASHTRA	23	29	1	6.3	6.9	8.2	110	582	4.4	36	0.1	7.2	275	1800	1800	1800	12	30
2680	MUTHA RIVER AT KHADAKVASLA DAM, KHADAKVASLA, HAWELI, PUNE.	MAHARASHTRA	21	34	4.9	6.9	7.6	8.2	60	497	1.8	5	0.1	4.2	2	350	17	1800	6	6
2196	PAWANA RIVER AT SANGAVIGAON, HAWELI PUNE.	MAHARASHTRA	24	27	1.2	6.5	6.8	8.3	155	743	2.8	20	0.2	7	25	1800	275	1800	14	35
2690	PAWANA RIVER AT KASARWADI, HAWELI, PUNE	MAHARASHTRA	24	29.5	0.8	6.2	7	8.5	149	2672	3.2	21	0.2	6.5	14	1800	350	1800	12	60
2691	PAWANA RIVER AT DAPODI BRIDGE AT PAWANA-MULLA SANGAM, DAPODI, HAWELI, PUNE	MAHARASHTRA	24	28	1.2	6.6	6.7	8.3	145	733	3.2	26	0.2	5.6	9	1800	170	1800	4	45

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2692	PAWANA RIVER AT RAVET WEIR, RAVET, HAWELI, PUNE	MAHARASHTRA	24	27	5.9	6.8	7.1	8.2	103	585	2	5	-	-	8	900	350	1800	4	13
2693	PAWANA RIVER AT CHINCHWADGAON, HAWELI, PUNE	MAHARASHTRA	24	27	0.8	6.5	7	8.6	109	718	2.8	12.5	0.3	4.2	250	1600	1800	1800	13	17
2694	PAWANA RIVER AT PIMPRIGAON, HAWELI, PUNE	MAHARASHTRA	24	26	0.9	6.4	7	8.1	130	740	4.2	18.5	0.3	6.7	250	1800	1800	1800	7	14
2197	INDRAYANI RIVER AT D/S OF ALANDIGAON, HAWELI, PUNE	MAHARASHTRA	22	36	1.6	6.6	6.4	8.6	96	656	2	10	-	-	7	1800	170	1800	7	12
2668	INDRAYANI RIVER AT D/S OF MOSHIGAON, HAWELI, PUNE	MAHARASHTRA	22	36	1.5	6.6	6.4	8.3	159	801	2.6	10	0.3	3.3	80	350	900	1800	7	8
2669	INDRAYANI RIVER AT U/S OF MOSHIGAON, HAWELI, PUNE	MAHARASHTRA	22	37	2.4	6.8	6.4	8.3	149	749	2.4	9.0	0.3	6	60	550	550	1800	5	9
1911	CHANDRABHAGA U/S OF PANDHARPUR TOWN, GURSALE, PANDHARPUR,	MAHARASHTRA	24	41	3	6.6	7.8	8.5	236	1225	2.6	7.5	0.3	3.8	70	900	900	1800	10	15
1912	CHANDRABHAGA D/S OF PANDHARPUR TOWN, GURSALE, PANDHARPUR,	MAHARASHTRA	24	42	1.5	6.8	7.6	8.5	231	1216	2.4	10.5	0.3	3.8	35	1800	550	1800	4	12
2665	GHOD RIVER AT SHIRUR, PUNE	MAHARASHTRA	24	34	3.1	6.8	7.4	8.3	236	1134	2.4	8.5	0.3	6.0	50	550	550	1800	5	5
2705	SINA RIVER NEAR LABOTI TOLL NAKA, LABOTI, MOHAL, SOLAPUR	MAHARASHTRA	28	30	5.6	6.5	7.5	8.3	274	1262	2.8	8.0	0.3	4.0	25	35	350	425	4	4
2711	URMODI RIVER, NAGTHANE, SATARA	MAHARASHTRA	20	30	2.6	6.8	7	8.4	43	753	2.0	30	0.3	6.0	8	350	250	1800	1.8	2
2715	VEL RIVER AT SHIKRAPUR, SHIRUR, PUNE	MAHARASHTRA	24	29	2.9	6.6	7.6	8.4	199	776	2.8	7	0.3	8.8	35	1800	425	1800	5	45

Table – 14: Water Quality of river Pennar (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1255	PENNNAR B/c WITH CHITRAVATHI, TADIPATRI, UNGANOOR, ANANTAPURA	ANDHRA PRADESH	18	24	5.4	6.1	7.1	7.5	406	1965	0.8	2.7	0.3	11.9	100	100	600	600	-	-
1256	PENNNAR A/c WITH PAPAGNI, PUSHAGINI, KADAPA	ANDHRA PRADESH	21	28	5.8	6.8	6.1	7.7	402	1208	1.0	2.2	0.3	3.7	1.8	100	300	700	-	-
1257	PENNNAR A/c WITH CHEYYURU, SOMASILA, NELLORE	ANDHRA PRADESH	17	27	6.9	7.5	7.5	8.1	656	1140	1.0	2.0	0.5	2.8	1.8	3	150	1300	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
30	PENNNAR AT SIDDVATAM, KADAPA	ANDHRA PRADESH	23	30	5.7	6.9	6.3	7.6	375	1211	0.8	2.1	0.3	4.86	1.8	200	500	900	-	-
2351	RIVER KUNDU, NANDYAL, NEAR OVER BDG., KURNOOL	ANDHRA PRADESH	16	25	4.2	6.8	6.1	7.8	311	1673	1.0	2.8	0.7	2.3	100	200	400	1200	-	-

Table - 15: Water quality of river Cauvery (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1198	CAUVERY AT NAPOKULU BDG (D/S),	KARNATAKA	18	28	6.4	7.4	6.5	8	47	129	1.0	1.5	0.1	0.4	34	93	210	410	-	-
1195	CAUVERY AT KUSHAL NAGAR U/S (NEAR BAICHANAHALLI),	KARNATAKA	20	29	7	7.5	6.7	8	54	209	1.0	1.4	0.2	0.6	40	130	210	470	-	-
33	CAUVERY AT KRS DAM, BALAMURIKSHETRA	KARNATAKA	22	28	6	7.4	7.7	8.4	125	327	1.2	2.6	0.5	0.81	120	390	940	1500	-	-
1171	CAUVERY AT SRI RANGAPATTANNA, D/S OF ROAD BDG.,	KARNATAKA	21	27	5.8	7.3	7.5	8.3	122	381	1.1	2.4	0.5	1.4	210	630	1300	2100	-	-
1386	CAUVERY AT D/S OF KAREKUARA VILLAGE,	KARNATAKA	20	26	6	7.3	7.9	8.3	156	335	1.2	2.4	0.5	0.9	130	400	840	2000	-	-
34	CAUVERY AT SATHYAGALAM BRIDGE	KARNATAKA	23	30	6	7.3	7.5	8.4	205	428	1.2	2.5	0.4	2.1	170	490	940	1400	-	-
2773	CAUVERY AT BANNUR BRIDGE,	KARNATAKA	24	29	5.3	7.2	7.9	8.3	183	432	1.2	3.0	0.6	1.5	210	330	940	1400	-	-
2774	CAUVERY AT RANGANATHITTU,	KARNATAKA	23	27	5.5	7.5	7.7	8.2	136	364	1.1	3.0	0.6	1.5	210	580	1100	1700	-	-
3566	CAUVERY AT KRS DAM MANDYA	KARNATAKA	23	28	6.1	7.3	7.6	8.3	119	339	1.2	2.5	0.5	1.1	130	340	940	1300	-	-
3568	CAUVERY AT WATER SUPPLY INTAKE POINT TO SRIRANGAPATNA TOWN	KARNATAKA	22	27	5.6	7.8	7.8	8.3	122	365	1.2	2.8	0.4	1.2	170	450	840	1700	-	-
3569	CAUVERY AT WATER SUPPLY INTAKE POINT TO MANDYA TOWN	KARNATAKA	21	27	6	7.3	7.5	8.3	122	379	1.1	2.8	0.5	1.5	140	450	940	2200	-	-
3570	CAUVERY D/S OF KR NAGAR BRIDGE	KARNATAKA	24	32	6.3	7.2	7.3	8.4	104	458	1.2	2.8	0.5	1.8	220	680	1200	2000	-	-
3571	CAUVERY U/S OF KR NAGAR	KARNATAKA	24	32	6	7.4	6.9	8.4	115	453	1.3	2.8	0.5	1.8	210	910	1100	2500	-	-
3573	CAUVERY D/S OF KUSHALANAGAR TOWN	KARNATAKA	20	30	6.7	7.3	7.1	7.8	61	300	1.1	1.8	0.4	0.9	40	140	260	630	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3576	CAUVERY AT WATER SUPPLY INTAKE POINT TO MYSORE PUMP HOUSE	KARNATAKA	23	28	6.7	7.4	7.1	8.3	140	327	1.1	2.0	0.5	0.9	92	210	790	1200	-	-
3578	CAUVERY D/S OF MADDUR WATER SUPPLY TREATMENT PLANT AT BACHALLI	KARNATAKA	20	28	5.3	7.8	7.6	8.3	133	427	1.3	3.0	0.3	1.5	210	910	940	2600	-	-
3579	CAUVERY AT WATER SUPPLY INTAKE POINT AT KOLLEGALA DASANAPURA	KARNATAKA	22	30	5.8	7.1	7.1	8.3	222	441	1.1	2.8	0.6	1.7	260	460	1100	2100	-	-
3581	CAUVERY AT WATER SUPPLY INTAKE POINT AT T K HALLI	KARNATAKA	19	28	5.8	7.7	7.2	8.3	107	428	1.1	2.6	0.5	1.7	93	430	740	1500	-	-
4109	CAUVERY RIVER BEFORE CONFLUENCE AT SANGAM	KARNATAKA	24	28	4.8	8.5	7.3	8.5	197	1382	3.0	5.0	0.1	2.5	32	6300	240	54000	-	-
30052	CAUVERY AT AJJIBORE (BANGALORE)	KARNATAKA			7.2	7.2	7.9	7.9	542	542					12	12	130	130	-	-
50	CAUVERY AT METTUR	TAMIL NADU	24	30	4.2	8.4	6.6	8.3	188	523	0.5	5.7	0.07	1.75	17	94	70	350	-	-
51	CAUVERY AT PALLIPPALAYAM	TAMIL NADU	25	29	5.2	8.2	6.9	8.3	228	711	0.2	6.0	0.09	0.42	26	940	63	2200	-	-
1320	CAUVERY AT ERODE NEAR CHIRAPALAYAM, TAMILNADU	TAMIL NADU	28	40	0.6	8.3	7	8.3	184	1060	0.4	15	0	1.2	27	370	84	930	-	-
1323	CAUVERY AT VELORE NEAR KATTIPALAYAM, TAMILNADU	TAMIL NADU	25	34	5	8.8	7.1	8.7	217	934	0.1	3.4	0.1	0.7	31	250	94	580	-	-
3015	CAUVERY AT PUGALUR, KARUR, TAMILNADU	TAMIL NADU	24	30	5.8	7.9	6.9	8.4	237	1124	0.2	2.7	0.1	0.9	63	220	170	490	-	-
1324	CAUVERY AT MOHANUR NEAR PATTAPALAYAM, TAMILNADU	TAMIL NADU	24	33	5.1	8.7	7.2	8.7	274	1115	0.2	3.4	0.1	0.6	45	260	140	630	-	-
1451	CAUVERY AT THIRUMUKKUDAL-CONFL. PT.OF R. AMRAVATI	TAMIL NADU	25	30	5.7	8.3	6.9	8.4	248	1127	0.1	2.4	0.1	0.9	61	270	210	790	-	-
31	CAUVERY AT MUSIRI	TAMIL NADU	26	31	6.3	8.5	6.9	8.5	376	1259	0.6	3.9	0.377	1.703	78	330	220	840	-	-
3016	CAUVERY AT PETTAIVAITHALAI, TRICHY, TAMILNADU	TAMIL NADU	27	32	6.2	8.6	7.3	8.5	463	577	0.2	2.8	0.4	2.3	120	330	280	1100	-	-
1202	CAUVERY AT TIRUCHIRAPPALLI U/S, TAMILNADU	TAMIL NADU	24	32	6.1	7.5	7.4	8.3	353	536	0.3	3	0.5	1.2	46	320	110	940	-	-
1325	CAUVERY AT TIRUCHIRAPPALLI D/S, TAMILNADU	TAMIL NADU	24	30	2.8	7.7	6.3	7.7	170	899	1.7	6.2	0.1	1.6	7	700	12	2100	-	-
1203	CAUVERY AT TRICHY, GRAND ANAICUT, TAMILNADU	TAMIL NADU	22	30	2.5	6.1	7	8.1	383	815	1.7	17	0.4	1.2	91	350	250	1600	-	-
1206	CAUVERY AT THANJAVUR, TAMILNADU	TAMIL NADU	20	25	5.6	7.6	7.4	8.4	277	509	1.6	5.2	0.2	4.1	78	250	320	580	-	-

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3018	CAUVERY AT MAYILADUTHURAI, NAGAPATTINAM, TAMILNADU	TAMIL NADU	30	30	6.2	6.3	7	7.9	242	845	0.4	0.8	0.4	4.5	11	11	2	25	-	-
3012	CAUVERY AT KOMARAPALAYAM, NAMAKAL, TAMILNADU	TAMIL NADU	19	30	5.2	9	6.9	7.9	238	610	0.2	4.4	0.1	1.1	140	630	390	1700	-	-
3013	CAUVERY AT URRACHIKOTTAI, ERODE, TAMILNADU	TAMIL NADU	21	32	5.5	8.4	7.1	8.3	254	520	0.2	2.6	0.1	0.7	21	170	58	430	-	-
3014	CAUVERY AT VAIRAPALAYAM, NAMAKAL, TAMILNADU	TAMIL NADU	23	29	5.3	8.5	6.7	8.2	195	534	0.3	3.4	0.1	1.1	41	330	93	1100	-	-
3017	CAUVERY AT KUMBAKONAM, THANJAVUR, TAMILNADU	TAMIL NADU	20	30	5.3	8.7	7.4	8.6	258	843	1.2	7.5	0.1	3.4	40	210	120	470	-	-
1326	CAUVERY AT COLEROON, TAMILNADU	TAMIL NADU	24	36	1.7	8	6	8	128	76900	0.3	6	0.2	1.1	17	170	48	430	-	-
1327	CAUVERY AT PITCHAVARAM, TAMILNADU	TAMIL NADU	22	37	4.1	7.7	6.3	7.9	100	26200	0.8	6.1	0.1	3.3	12	260	38	630	-	-
1322	CAUVERY AT 1KM. D/S OF BHAVANI RIVER CONFL., TAMILNADU	TAMIL NADU	28	40	3.2	9	6.4	8.3	179	638	0.3	4.2	0.2	0.4	26	260	94	700	-	-
4099	CAUVERY RIVER D/S BARACHUKI FALLS, SATHEGALA, KOLLEGALA	KARNATAKA	23	29	5.7	7.6	7.7	8.4	199	425	1.1	2.6	0.5	1.5	110	320	630	1500	-	-

**Table 15.1:- Water Quality of Tributary Streams Yagachi, Hemavati, Shimsa, Thirumanimutha, Vasista, Amravati, Akravati, Lakshmantirtha, Kabbani, and Sarabanga (2019)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1893	YAGACHI RIVER NEAR PUMPING STATION. HASSAN CITY	KARNATAKA	24	28	4.4	5.2	7.1	8.1	260	650	2	3	0.1	0.6	170	450	1300	4600	-	-
1199	HEMAVATI AT D/S OF HOLENARASIPURA TOWN AT RAMADEVALA WEIR	KARNATAKA	25	28	5.4	6	7.4	8.2	100	240	1	2	0.1	0.2	68	210	700	2200	-	-
1166	SHIMSHA AT D/S OF BRIDGE, HALAGUR,	KARNATAKA	22	28	6.2	6.5	7.7	8.3	176	551	2	2.5	0.7	2.4	380	790	1500	2800	-	-
1200	SHIMSHA AT D/S OF HIGHWAY BRIDGE, YEDIYAR,	KARNATAKA	20	31	4.6	7.4	7	7.9	271	560	3	9.5	0.2	4.5	83	11000	350	92000	9	63
3567	SHIMSHA D/S NEAR MADDUAR TOWN	KARNATAKA	25	29	4.4	6.3	7.9	8.3	450	603	2.5	3.5	0.7	0.9	470	840	1700	2200	-	-



Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3580	SHIMSHA AT WATER SUPPLY INTAKE POINT AT MADDUAR	KARNATAKA	20	28	5.5	7.5	7.4	8.3	110	427	1.1	2.8	0.4	1.6	110	390	840	1500	-	-
3022	THIRUMANIMUTHAR AT SALEM, D/S OF SAGO & TEXTILE DYING INDUSTRIES, TAMILNADU	TAMIL NADU	25	31	BDL	7	7	8	1208	10840	0.1	56	0.4	7.4	1.8	1400000	4	2200000	-	-
3023	VASISTA AT SALEM, D/S OF SAGO INDUSTRIES EFFLUENT, TAMILNADU	TAMIL NADU	24	31	BDL	6.9	6.2	7.9	2030	6520	0.4	230	0.1	23.6	1.8	1700000	39	3500000	-	-
1319	AMRAVATI AT 1KM D/S FROM EFF.DIS. PT. AT MADHUTHUKKULAM	TAMIL NADU	25	30	4.7	7.3	6	7.7	49	548	0.2	3.4	0.1	0.6	11	23	33	70	-	-
1165	ARKAVATHI AT D/S OF KANAKAPURA TOWN,	KARNATAKA	25	26	4	7	6.8	7.4	913	1578	4	8	2.3	17.4	47	140000	350	1600000	14	40
2778	ARKAVATHI AT T.G. HALLI RESERVOIR, ,	KARNATAKA	23.8	33.6	4	8.2	6.7	8.5	791	1414	5	12	0.9	16.4	44	110000	540	920000	9	79
2779	ARKAVATHI AT HESARAGHATTA RESERVOIR,	KARNATAKA	22	32	4.1	5.7	6.3	7.1	203	346	3	21	0.1	2	460	11000000	3500	92000000	-	-
41	KABINI AT CAUSE WAY SATTUR	KARNATAKA	23	29	6	7.5	7.5	8.2	144	660	1.2	2.5	0.48	2.01	170	490	940	1700	-	-
1197	KABINI AT SARAGUR VILLAGE D/S,	KARNATAKA	21	32.5	5.2	7.3	7	8.4	57	163	1.1	3	0.3	0.8	170	450	840	2200	-	-
1207	KABINI AT MUTHANKARA, KERALA	KERALA	25	32	4.1	7.8	6.6	7.7	43	166	0.2	1.8	0.1	0.2	6	104	24	196	-	-
1445	KABINI AT WATER INTAKE OF KIADB AT NANJANGUD,	KARNATAKA	22	28	6.1	7.3	7.5	8.4	130	394	1.2	2.4	0.3	1	170	390	1100	1700	-	-
2775	KABINI AT BATHING GHAT, NANJANAGUD,	KARNATAKA	22	29	5.5	7	7.5	8.2	130	423	1.5	3.2	0.4	11.1	320	1700	460	3900	-	-
1196	LAKSHMANTIRTHA AT D/S OF HUNSUR TOWN,	KARNATAKA	21	28	1.5	7.1	6.8	8.3	89	678	1.2	5.2	0.3	1.9	260	840	1700	3900	-	-
2772	LAKSHMANTIRTHA AT D/S OF KATTEMALAVADI,	KARNATAKA	21	28	4.2	6	7.6	8.4	120	657	3	5.4	0.3	2.1	330	700	2100	2800	-	-
3572	LAKSHMANTIRTHA AT WATER SUPPLY INTAKE POINT TO HUNSUR TOWN	KARNATAKA	21	33	5	6.8	6.9	8.1	94	616	1.5	3.4	0.2	1.5	220	630	1300	2400	-	-
3024	SARABANGA AT SALEM, D/S OF TEXTILE DYEING INDUSTRIES EFFLUENT, TAMILNADU	TAMIL NADU	25	26	BDL	9.5	7.7	7.8	1230	3040	9.6	24	3.7	26.9	17000	220000	28000	430000	-	-

Table - 16: Water quality of river Subarnrekha (2019)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Faecal Streptococci (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL					
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
23	SUBARNAREKHA AT RANCHI, (TATISILWAI)	JHARKHAND	13	33	3.6	8	6.5	7.6	-	-	2.8	3.8	-	-	140	150	750	930	-	-
24	SUBARNAREKHA AT JAMSHEDPUR	JHARKHAND	21	32	5.2	6	7.2	7.3	252	338	2.3	3.9	-	-	-	-	-	-	-	-
48	SUBARNAREKHA AT CHANDIL BRIDGE	JHARKHAND	17	30	7.4	7.8	7.4	7.6	162	186	0.4	0.8	-	-	-	-	-	-	-	-
49	SUBARNAREKHA AT D/S JAMSHEDPUR, (TATA NAGAR)	JHARKHAND	14	29	3	7.8	7.4	7.6	166	356	0.6	10	-	-	-	-	-	-	-	-
4084	SURBARNREKHA RIVER AT HATIA ROAD BRIDGE, RANCHI	JHARKHAND	11	26	4.2	6.4	6.5	6.8	-	-	2.8	3.5	-	-	140	200	750	1200	-	-
4086	SUBARNREKHA RIVER U/S HINDALCO IND LTD, MURLI WORKS, CHHOTAMURI, RANCHI	JHARKHAND	13	30	8.2	8.5	7.3	7.6	-	-	2.6	3	-	-	140	150	750	930	-	-
2385	SUBARNAREKHA AT NAMKUM ROAD BRIDGE	JHARKHAND	13	29	4.2	7.7	6.5	7.5	-	-	2.4	3.4	-	-	140	200	750	1200	-	-
2386	SUBARNAREKHA AT MURI ROAD BRIDGE	JHARKHAND	12	28	5	8.3	6.6	7.6	-	-	2.4	3.4	-	-	140	150	750	930	-	-
2387	SUBAREKHA AT GHATISLA ROAD BRIDGE	JHARKHAND	20	36	7.3	7.7	7.4	7.5	188	272	0.4	0.6	-	-	-	-	-	-	-	-
2395	SUBARNAREKHA AT HATIA DAM	JHARKHAND	8	27	8.2	8.5	7.3	7.4	-	-	1.6	2.5	-	-	140	230	750	1200	-	-
2397	SUBARNAREKHA AT GATASUD DAM	JHARKHAND	13	26	8.1	8.4	7.3	7.4	-	-	2.4	2.9	-	-	140	150	750	930	-	-
2399	SUBARNAREKHA AT CHANDIL DAM	JHARKHAND	17.5	30.5	7.4	7.8	7.4	7.6	156	174	0.3	0.8	-	-	-	-	-	-	-	-
1641	SUBARNAREKHA AT RAJGHAT (THENGUDIA)	ODISHA	19	29	6.4	8.4	7	8.5	142	539	0.4	1.9	0.1	0.5	20	1700	260	3500	-	-

**\*\* Note: Data as received from State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) & Regional Directorates (RDs), CPCB under National Water Quality Monitoring Programme (NWMP)**