

**WATER QUALITY DATA OF RIVERS UNDER
NATIONAL WATER QUALITY MONITORING PROGRAMME (NWMP)**

INDEX

Table No.	Table	Page no.
1.	Water Quality of River Beas	1 – 2
2.	Water Quality of river Sutlej	3 – 5
2.1	Water Quality of Tributaries - Ravi, Parvati, Largi, Sirsa, Siuel, Suketi khad, Binwa, Neugal, Spiti, Baspa, Banganga, Basanter, Chenab, Devak, Tawi, Cuntkol, Gawkadal, Jhelum, Lidder, Sindh and Ujh	5 – 8
2.2	Water Quality of Tributaries - Sukhana, Sarsa, Swan, Tirthan, Pabbar, Alhi, Ashwani, Manjhi Khad, Mol khad, Baner Khad, Charan Khad, Ashwani Khad, Gumma Nauti Khad, Dhauli Khad, Shikari, Batta, and Kali Bein	9 – 10
3.	Water Quality of river Ganga	11 – 15
4.	Water Quality of river Yamuna	15 – 17
4.1	Water Quality of Tributaries - Tons, Giri, Hindon, Betwa, Kali Sindh, Ujad, Chambal, Parvati, Khan, Kshipra, Suswa, Bhella, Dhella, Koshi, Gola, Kiccha, Pilkhar, Nandaur, Kalyani and Ramganga	17 - 20
4.2	Water Quality of Tributaries - Kali (E), Kalinadi, Varuna, Sai, Gomti, Rapti, Saryu, Ghaghara and Rihand	21 – 22
4.3	Water Quality of Tributaries - Sone, Gandak, Sikrahna, Burhi Gandak, Harbora, Kamala, Koshi, Daha, Dhous, Ramrekha, Sirsiya, Bagmati, Manusmar, Poonpun, Kohora, Harha, Lakhandei and Gangi	22 – 24
4.4	Water Quality of Tributaries – Bichia, Sankh, Sone, Gohad, Kariyari, Newaj, Chamla, Choupan, Gour and Jamuni	25
4.5	Water Quality of Tributaries - Jumar, Ajay, Konar, Garga, Nalkari, Bokaro, Sankh, Damodar, Churni, Jalangi, Rupnarayan, Dwarka and Dwarakeshwari	26 – 27
5.	Water Quality of River Brahmaputra	28
5.1	Water Quality of Tributaries - Burhidihing, Dhansiri, Dikrong, Gainadi, Digaru, Digboi, Dikhaw, Diplai Beel, Disang, Gabharu, Tocklai, Tunia, Larsing, Dhanteshwari, Demow, Borsila, Barnadi, Baralia, Buradia, Thiu, Singra, Damring, Manda, Dikchu, Dzu, Chathe, Dzucha Ru, Dzudza, Dzuna Ru, and Torsa	28 – 31

Table No.	Table	Page no.
6.0	Water Quality of River Mahi and Its Tributaries - Anas, Malei, Shivna & Panam	31 – 32
7.0	Water Quality of river Sabarmati and tributaries - Shedhi & Khari	32
8.	Water Quality of river Narmada	33 – 35
8.1	Water Quality of Tributaries - Chota Tawa, Gour, Kunda, Banjar, Simrara & Hiran	35
9.	Water Quality of river Tapi	36
9.1	Water Quality of tributaries - Kim and Amravati	36
10.	Water Quality of River Mahanadi	37 – 38
10.1	Water Quality of Tributaries - Seonath, Kharoon, Hasdeo, IB, Serua, Kuakhai, Kathjodi, Birupa, Arpa, Kelo, Daya, Gobari, Devi, Gangua, Kushabhadra, Mangala, Bhargavi, Kansari, Badasankha Nadi, Ratnachira Nadi, Nuna Nadi, Kusumi Nadi, Sabulia Nadi & Sankha	38 – 40
11 (a)	Water Quality of River Baitarni and Its Tributaries - Salandi & Kusei	41
11 (b)	Water Quality of River Brahmani and Its Tributaries - Kharasrota, Bangurusingada Jhor & Karo (2020)	41 – 42
12.	Water quality of river Godavari	43
12.1	Water Quality of Tributaries - Indravati, Shankni, Manjeera, Maner, Wainganga, Kinnersani, Sabari, Karkavagu & Wardha	44
13.	Water quality of river Krishna	45
13.1	Water Quality of Tributaries - Panchaganga and Bhima	46
13.2	Water Quality of Tributaries - Ghatprabha, Malprabha, Tunghbhadra, Tunga, Bhadra, Musi, Palleru, Muneru, Kagina, Nakkavagu, Hundri	47 - 48
14.	Water Quality of river Pennar & Kundu	49
15.	Water quality of river Cauvery	49 – 51
15.1	Water Quality of Tributaries - Yagachi, Hemavati, Shimsa, Thirumanimuthar, Vasista, Amravati, Akravati, Kabini, Lakshmantirtha, and Sarabanga	52 – 53
16.	Water Quality of river Subarnrekha	53 - 54

Table 1 :- Water Quality of River Beas (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	3	13	8.7	11.5	7.5	8.1	61	119	BDL	BDL	BDL	0.66	11	58	32	280	2	2
4444	RIVER BEAS D/S OF WPF AT MANALI	HIMACHAL PRADESH	3	12	8	10.6	6.5	8.2	47	94	BDL	1	BDL	1.12	26	94	170	350	2	2
4037	RIVER BEAS D/S MANALSU NALLAH	HIMACHAL PRADESH	3	13	8.5	11.4	6.5	8.2	59	845	BDL	1	BDL	0.84	2	58	12	240	2	2
2601	BEAS AT D/S MANALI	HIMACHAL PRADESH	1	13	8.5	10.8	6.7	8	66	720	BDL	1	BDL	0.81	21	84	110	350	2	2
2602	BEAS AT U/S KULLU	HIMACHAL PRADESH	4	18	8.5	10.6	7.2	8	57	920	BDL	1	BDL	0.7	23	120	140	430	2	2
4445	RIVER BEAS D/S OF WPF AT KULLU	HIMACHAL PRADESH	4	20	8.5	10.2	7.3	7.9	60	139	BDL	1	BDL	1.16	32	220	130	920	2	2
1002	BEAS AT D/S KULU	HIMACHAL PRADESH	4	18	8.5	10	7.4	7.9	65	156	BDL	1	BDL	0.94	17	150	150	540	2	2
1003	BEAS AT D/S AUT	HIMACHAL PRADESH	5	12	8.4	9.9	7.1	7.8	51	141	BDL	1	BDL	1.19	21	94	94	350	2	2
1004	BEAS AT U/S PANDON DAM	HIMACHAL PRADESH	17	23	7.6	10.5	7.1	8	62	153	BDL	1	BDL	0.81	22	49	94	220	2	2
2603	BEAS AT D/S PANDOH DAM	HIMACHAL PRADESH	17	22	8.4	10.3	7.6	8	81	147	BDL	1	BDL	0.81	23	79	94	350	2	2
1005	BEAS AT EXIT OF TUNNEL DEHAL POWER HOUSE	HIMACHAL PRADESH	14	24	8.1	9.7	7.4	8.5	84	205	BDL	1	BDL	0.51	23	79	110	350	2	2
1550	BEAS U/S MANDI	HIMACHAL PRADESH	17	22	8.3	9.9	7.1	8.2	71	176	BDL	1	BDL	0.95	21	49	94	170	2	2
1006	BEAS AT D/S MANDI	HIMACHAL PRADESH	9	23	8.5	10.3	7.3	8.6	62	1582	BDL	1.2	BDL	1.48	13	350	220	1600	2	4
2604	BEAS AT D/S JAISINGHPUR	HIMACHAL PRADESH	11	24	8.5	9.2	7.7	8.2	112	378	BDL	1	BDL	1.35	2	4	21	49	2	2
1007	BEAS AT D/S ALAMPUR	HIMACHAL PRADESH	12	32	8.7	9.4	7.5	8.2	148	347	BDL	1	BDL	2.34	2	4	21	48	2	2
3855	BEAS D/S NADAUN BRIDGE, VILL BHADOLI	HIMACHAL PRADESH	12	26	8	9.4	7.5	8.2	116	393	BDL	1	BDL	1.23	2	4	26	40	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	27.5	5.2	9.2	6.8	8	172	309	BDL	1	BDL	1.16	2	2	31	79	2	2
1008	BEAS AT D/S DEHRAGOPIUR	HIMACHAL PRADESH	13	27	8.6	9.3	7.6	8.1	135	362	BDL	1	BDL	1.59	2	2	21	58	2	2
4435	RIVER BEAS U/S SUJANPUR TIHRA	HIMACHAL PRADESH	12.2	26	8.2	9.8	7.1	8.2	151	364	BDL	1	BDL	1.32	2	2	23	47	2	2
4436	RIVER BEAS D/S SUJANPUR TIHRA	HIMACHAL PRADESH	12.1	26	8.1	9.7	7.6	8.5	157	478	BDL	1	BDL	1.5	2	2	26	79	2	2
4437	RIVER BEAS U/S NADAUM TOWN	HIMACHAL PRADESH	7.6	28	8.2	9.9	7.3	8.3	199	587	BDL	1	BDL	0.97	2	2	22	48	2	2
4438	RIVER BEAS D/S NADAUN TOWN AFTER CONFLUENCE OF MAAN KHAD	HIMACHAL PRADESH	10	29	7.8	9.9	7.5	8.3	163	336	BDL	1	0.3	1.35	2	4	31	58	2	2
4443	RIVER BEAS AT RAISON	HIMACHAL PRADESH	3	13	8.5	11.5	7.2	8	52	136	BDL	1	BDL	0.75	31	70	170	280	2	2
30083	BEAS AT TALWARA (PONG DAM)	INTER-STATE	23	23	9.2	9.2	8.1	8.1	194	194	1	1	BDL	1.66	2	2	31	31	-	-
30084	BEAS AT D/S CHANGARWA VILLAGE, (PUNJAB)	INTER-STATE	33	33	8.1	8.1	7.2	7.2	244	244	1	1	BDL	1.4	92	92	220	220	-	-
1693	BEAS AT TALWARA H/W, PUNJAB	PUNJAB	8	36	6.9	7.9	7.5	8.1	160	262	1	1.4	BDL	0.7	17	68	84	170	-	-
1694	BEAS AT U/S PATHANKOT, PUNJAB	PUNJAB	10	36	6.6	8	7.4	7.9	219	394	1	1.4	0.5	0.8	20	68	70	250	-	-
1010	BEAS AT MIRTHAL BRIDGE, GURDASPUR	PUNJAB	9	36	7.2	8.1	7.5	8.1	216	380	1	1.5	0.4	0.8	31	170	84	390	-	-
1695	BEAS D/S PATHANKOT, PUNJAB	PUNJAB	10	35	6.8	7.8	7.4	8.1	232	390	1	1.7	0.4	0.9	58	130	170	490	-	-
1294	BEAS AT 1KM.D/S OF EFFL. DISH. POINT AT MUKERIAN ,	PUNJAB	16.5	32.4	6.1	7.9	7.6	8	218	365	1	1.6	0.4	0.9	78	210	330	490	-	-
4164	BEAS RIVER, NR VILL KIRI AFGHANA, TEHSIL BATALA, GURDASPUR	PUNJAB	17.9	31.3	6.4	8.3	7.6	8.1	213	321	1	1.4	0.5	0.9	78	210	210	490	-	-
1011	BEAS AT G.T. ROAD UNDER BDG. NEAR KAPURTHALA	PUNJAB	10	36	6.8	8.5	7.8	8.1	205	300	1	1.5	0.5	0.8	63	360	140	610	-	-
1012	BEAS AT 100M D/S INDUST. DISCH. GOINDWAL	PUNJAB	11	33	7.1	8.8	7.6	8.1	197	270	1	1.3	BDL	0.7	78	210	220	490	-	-
1696	BEAS U/S GOINDWAL, PUNJAB	PUNJAB	10	32	0.3	8.9	7.8	8.1	190	268	1	1.3	BDL	0.7	68	200	150	450	-	-
1697	BEAS AT HARIKE, PUNJAB	PUNJAB	14	34	7.3	9.1	7.7	8.2	192	280	1	1.2	BDL	0.8	70	210	170	480	-	-
3866	MANALSU NALLAH BEFORE CONFLUENCE TO RIVER BEAS	HIMACHAL PRADESH	3	11	8.8	11.2	7	8.5	29	430	BDL	1	BDL	0.73	12	46	46	210	2	2
3867	SARVARI NALLAH BEFORE CONFLUENCE TO RIVER BEAS	HIMACHAL PRADESH	5	18	8.7	10.7	7	7.8	119	187	BDL	BDL	0.35	0.58	-	-	0.35	0.58	23	63
3868	BARAGRAM NALLAH BEFORE CONFLUENCE TO RIVER BEAS	HIMACHAL PRADESH	3	11	8.9	11.2	6.9	8.1	39	110	BDL	BDL	0.37	0.66	-	-	0.37	0.66	21	58

Table 2- : Water Quality of river Sutlej (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (°C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 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	9	9	9.5	7.2	8.4	962	4420	BDL	BDL	BDL	0.5	20	94	140	540	-	-
2611	SUTLEJ AT KHAB	HIMACHAL PRADESH	6	9	9	9.6	7.2	8.4	355	3351	BDL	BDL	BDL	0.72	17	120	140	540	-	-
3872	SUTLEJ RIVER D/S TIDONG HEP	HIMACHAL PRADESH	7	11	7.8	9.4	7.6	8.4	228	3843	BDL	1	BDL	0.96	7	84	210	540	2	2
4448	RIVER SUTLEJ U/S CONFLUENCES OF RIVER TIDONG	HIMACHAL PRADESH	7	11	8.1	9.4	7.4	8.5	348	4317	BDL	1	BDL	0.61	7	39	170	430	2	2
4449	RIVER SUTLEJ D/S CONFLUENCES OF RIVER TIDONG	HIMACHAL PRADESH	7	11	8	9.3	7.7	8.5	338	4235	BDL	1	BDL	0.55	11	54	170	540	2	2
4452	RIVER SUTLEJ U/S CONFLUENCES OF RIVER BASPA	HIMACHAL PRADESH	7	12	8.5	9.6	7.5	8.7	170	4165	BDL	1	BDL	0.47	9	79	170	920	2	2
3871	SUTLEJ RIVER D/S POWER HOUSE KASHANG HEP	HIMACHAL PRADESH	7	12	8.2	9	7.5	8.4	359	4304	BDL	1	BDL	0.56	7	47	130	540	2	2
3870	RIVER SUTLEJ AT KARCHAM DRAIN	HIMACHAL PRADESH	8	12	8	9	7.8	8.6	124	4180	BDL	1	BDL	0.58	5	70	49	920	2	2
1389	SUTLEJ AT NEPTHA ZAKHAI	HIMACHAL PRADESH	8	12	8	9	7.3	8.3	161	3698	BDL	1.4	BDL	0.69	14	110	140	920	2	2
3869	SUTLEJ RIVER D/S TRT OF RAMPUR HYDEL ELECTRIC PROJECT	HIMACHAL PRADESH	8	15	8.2	8.7	7.3	8.4	145	3828	BDL	1.1	0.26	1.06	11	700	180	920	2	14
1086	SUTLEJ AT U/S RAMPUR	HIMACHAL PRADESH	8	14	8.4	9.1	7.4	8.4	152	2923	BDL	1.1	BDL	0.56	22	150	140	920	2	2
1087	SUTLEJ AT D/S RAMPUR	HIMACHAL PRADESH	8.9	14	5	9.2	7.1	8.4	147	3759	BDL	1.6	BDL	0.92	2	170	39	1600	2	4
1013	SUTLEJ AT U/S TATAPANI	HIMACHAL PRADESH	9	15	8	8.9	7.4	8.4	158	3745	BDL	1	BDL	0.56	11	79	280	920	2	9
4446	RIVER SUTLEJ U/S IANDFILL SITE RAMPUR	HIMACHAL PRADESH	8	14	8.4	9.2	7.3	8.5	148	3721	BDL	1.6	BDL	0.91	13	45	130	920	2	6
4447	RIVER STLJU D/S LANDFILL SITE RAMPUR	HIMACHAL PRADESH	8	14	8.3	9	7.5	8.4	141	3763	BDL	6	BDL	1.03	4	110	13	1600	2	9
1014	SUTLEJ AT U/S SLAPPER	HIMACHAL PRADESH	14	23	8.3	9.6	7.4	8.4	85	221	BDL	1	BDL	0.51	22	84	94	280	2	2
1015	SUTLEJ AT D/S SLAPPER	HIMACHAL PRADESH	14	24	7.9	9.2	7.5	8.2	90	200	BDL	1	BDL	4.68	23	110	94	350	2	2
1016	SUTLEJ AT D/S BHAKHRA	HIMACHAL PRADESH	15	23.4	7.7	9.8	7.1	8.2	137	310	BDL	1	BDL	1.21	2	4	21	84	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (°C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
4032	U/S KHAIRIAN SOLID WASTE DUMPING SITE BILASPUR	HIMACHAL PRADESH	15	23	7.5	9.8	7.7	8.6	77	406	BDL	1	BDL	1.24	23	150	94	350	2	2
4033	D/S KHAIRIAN SOLID WASTE DUMPING SITE BILASPUR	HIMACHAL PRADESH	16	22	8.2	10.6	7.4	8.3	173	400	BDL	1.2	BDL	2.53	23	170	120	540	2	2
4450	RIVER SUTLEJ U/S CONFLUENCE WITH GANVI KHAND	HIMACHAL PRADESH	7	13	8.4	9.7	7.7	8.4	111	3774	BDL	1	BDL	0.56	8	36	70	920	2	2
4451	RIVER SUTLEJ D/S CONFLUENCE WITH GANVI KHAD	HIMACHAL PRADESH	7	13	8.4	9.8	7.7	8.3	140	3810	BDL	1	BDL	0.66	11	42	79	920	2	2
30009	SUTLEJ AT NANGAL (H.P.)	INTER-STATE			8.9	10.2	7	8	223	1871	1	1.4	0.41	0.61	13	680	33	3300	7	45
30010	SUTLEJ AT NOORPUR BEDI ROAD (PUNJAB)	INTER-STATE			9.1	9.8	7.3	8.1	221	1888	1	1	0.31	0.51	8	1100	170	7000	23	70
30087	RIVER SUTLEJ U/S AT OLINDA, NEAR BHAKRA DAM, H.P.	INTER-STATE	24	24	8.9	8.9	7.1	7.1	181	181	1	1	-	-	2	2	34	34	-	-
1814	SUTLEJ AT D/S KIRATPUR SAHIB, PUNJAB	PUNJAB	11	29	7	10.6	7.3	8.4	194	306	1	1	1.1	2.69	82	230	250	700	-	-
2915	SUTLEJ AT 100 MT. D/S OF PACL, NANGAL, PUNJAB	PUNJAB	12	24	7.5	10.3	7.5	8.5	196	377	1	1.2	1.2	2.61	20	93	140	340	-	-
1380	SUTLEJ AT D/S NFL, PUNJAB	PUNJAB	12	23	8	9.9	7.7	10.2	190	376	1	1	1	3.2	20	110	140	330	-	-
10020	RIVER SUTLEJ AT ANANDPUR SAHIB	PUNJAB	12	28	7.6	10	7.4	8.8	225	369	1	1	1.2	3.98	82	220	310	490	-	-
10021	RIVER SUTLEJ AT BUNGA SAHIB	PUNJAB	12	19	7.4	10.5	7.6	8.5	190	271	1	1.2	1.3	1.86	100	260	330	630	-	-
10022	RIVER SUTLEJ AT PHILLAURO U/S	PUNJAB	14	37	6.4	7.4	7	7.4	232	320	1	4	BDL	0.9	120	1700	280	4900	-	-
10023	RIVER SUTLEJ AT PHAGWARA U/S (CHAHERU BRIDGE)	PUNJAB	15	37	1.2	4	6.9	7.4	717	962	3.6	16	0.4	0.72	170	4000	790	11000	-	-
10024	RIVER SUTLEJ AT PHAGWARA D/S (KANGANIWAL BRIDGE)	PUNJAB	15	36	0.3	1	7.1	7.4	1003	1104	10	20	0.8	1.6	700	13000	2600	33000	-	-
10027	RIVER SUTLEJ AT LUDHIANA U/S	PUNJAB	11	25	5.2	9.6	7.3	8.4	211	391	1	1.4	1.3	3.25	100	790	580	3500	-	-
10028	RIVER SUTLEJ AT LUDHIANA D/S	PUNJAB	13	28	0.3	6.8	6.7	7.7	243	1219	2	27	1.2	579	33000	330000	94000	840000	-	-
1017	SUTLEJ AT 100M U/S OF HEADWORKS, NANGAL	PUNJAB	12	23	7.3	10.4	7.3	8.3	192	349	1	1	1	2.44	18	78	100	230	-	-
1018	SUTLEJ AT 100M D/S , NANGAL	PUNJAB	11	24	7.9	10.2	7.3	8.5	187	302	1	1	1.2	2.41	11	110	170	330	-	-
1293	SUTLEJ AT 1 KM. D/S OF ZENITH, PUNJAB	PUNJAB	11	22	6.5	9.9	7.3	8.5	204	421	1	1	1.2	2.56	170	780	580	2100	-	-
1019	SUTLEJ AT U/S HEAD WORKS ROPAR	PUNJAB	11	19	6.4	10.2	7.4	8.5	213	341	1	1.6	1.2	3.18	130	460	470	1700	-	-
1690	SUTLEJ AT U/S BUDHA NALLAH (UPPER), PUNJAB	PUNJAB	11	27	6.3	9	7.4	8	221	436	1	3	1.3	2.6	170	1700	700	6300	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1020	SUTLEJ AT 100M D/S BUDHA NALA CONFL., LUDHIANA	PUNJAB	13	31	0.3	4.1	6.6	7.6	306	1410	5	38	1.4	5.96	70000	1400000	170000	2200000	-	-
1022	SUTLEJ AT BRIDGE HARIKE, AMRITSAR	PUNJAB	11	29	4.1	7.2	6.8	8.2	264	438	1.2	4.2	1.1	3.74	260	2100	1100	7900	-	-
10025	RIVER SUTLEJ AT JALANDHAR U/S (PEERU SHAH KA DARGA	PUNJAB	15	36	0.3	0.3	7.1	7.4	1060	1124	42	68	1.4	2.6	9300	46000	28000	94000	-	-
10026	RIVER SUTLEJ AT JALANDHAR D/S (MALSIAN BRIDGE)	PUNJAB	13	38	0.3	0.3	7.1	7.5	1058	1205	48	75	1	3.1	11000	46000	58000	110000	-	-
1021	SUTLEJ AT BOAT BDG. DHARMKOTNAKODAR ROAD, JALANDHAR	PUNJAB	12	30	1.8	5.8	6.9	8.2	292	642	1.8	14	1.1	2.4	11000	140000	58000	280000	-	-
1381	SUTLEJ AT D/S EAST BEIN, PUNJAB	PUNJAB	13	31	0.3	5.6	6.9	8	287	939	2.2	15	1.1	2.66	22000	110000	84000	540000	-	-
1691	SUTLEJ AT U/S HUSSANIWALA - H/W FEROZEPUR, PUNJAB	PUNJAB	11	30	6.2	11.8	7.5	8.5	227	269	1	1.4	1.1	2.45	92	400	580	1200	-	-
1692	SUTLEJ AT D/S HUSSANIWALA-H/W FEROZEPUR, PUNJAB	PUNJAB	10	39	6.4	11.6	7.4	8.5	229	268	1	1.5	1.1	2.3	110	400	610	1000	-	-

Table- 2.1 :- Water Quality Of Tributaries - Ravi, Parvati, Largi, Sirsa, Siuel, Suketi khad, Binwa, Neugal, Spiti, Baspa, Banganga, Basanter, Chenab, Devak, Tawi, Cuntkol, Gawkadal, Jhelum, Lidder, Sindh and Ujh (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1088	RAVI AT U/S MADHOPUR	HIMACHAL PRADESH	10	32	6.9	9	6.9	7.9	118	265	BDL	1	BDL	1.16	2	4	22	63	2	2
1089	RAVI AT U/S CHAMBA	HIMACHAL PRADESH	3	16	8	9.5	7.3	8	101	281	BDL	1	BDL	6.2	2	2	20	33	2	2
2614	RAVI AT CHAMERA RESERVOIR	HIMACHAL PRADESH	3	20	8.1	9.4	7.6	7.8	123	232	BDL	1	BDL	1.21	2	4	25	110	2	2
2615	RAVI AT D/S AT CHAMERA III HEP	HIMACHAL PRADESH	3	16	8.2	9.8	7.3	8	101	303	BDL	1	BDL	3.1	2	2	21	46	2	2
2613	RAVI AT D/S OF CHAMBA TOWN	HIMACHAL PRADESH	3	16	7.8	9.5	6.8	7.8	127	328	BDL	1	BDL	2.09	2	4	26	41	2	2
30085	RAVI AT MADHOPUR (PUNJAB)	INTER-STATE	33	33	8.1	8.1	7.8	7.8	159	159	1	1	BDL	0.5	20	20	94	94	-	-
1097	RAVI AT U/S OF MADHOPUR HEADWORKS, GURDASPUR, PUNJAB	PUNJAB	6	34	7.9	8.6	7.4	8.1	138	212	1	1.2	BDL	0.6	18	81	61	170	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
4059	RANJIT SAGAR DAM, AT PANAGAR (BASOHIL)	JAMMU & KASHMIR	21	21	7.6	7.6	7.6	7.6	198	198	BDL	BDL	BDL	BDL	-	-	-	-	-	-
4082	BAJU NALLAH AT KHOKHYAL NEAR BARAGE, CONFLUENCE POINT OF SAHAR-KHAD AND KATHUA CITY NALLAHS	JAMMU & KASHMIR	22	22	6.2	6.2	8.1	8.1	339	339	1.8	1.8	-	-	BDL	BDL	BDL	BDL	-	-
4061	RIVER RAVI AT LAKHANPUR, 1 km D/s FROM MADHOPUR BRIDGE	JAMMU & KASHMIR	22	22	7.5	7.5	7.8	7.8	264	264	BDL	BDL	BDL	BDL	-	-	-	-	-	-
1290	PARVATI BEFORE CONF. TO RIVER BEAS	HIMACHAL PRADESH	3	11	8.5	10.6	6.7	7.6	34	100	BDL	1	BDL	0.53	21	70	70	220	2	2
2605	PARVATI AT U/S MANIKARAN	HIMACHAL PRADESH	1	10	8.1	11.4	6.8	8.2	31	930	BDL	1	BDL	0.57	13	33	63	140	2	2
2606	PARVATI AT D/S MANIKARAN	HIMACHAL PRADESH	1	10	7.9	11.4	6.8	7.6	35	91	BDL	1	BDL	0.61	17	40	70	170	2	2
1090	LARGI AT D/S, DWADA	HIMACHAL PRADESH	6	15	8.6	10.5	7.3	8	53	860	BDL	1	BDL	0.67	17	79	94	280	2	2
1551	SIRSA RIVER , U/S SITOMAJRI NALLAHGARH	HIMACHAL PRADESH	17	30	5.8	8.5	6.6	8	281	924	BDL	2.2	-	-	4	21	17	49	2	2
1552	SIRSA RIVER, D/S NALAGARH BRIDGE	HIMACHAL PRADESH	18	35	5.6	9.8	7.4	8.2	484	12290	BDL	1.8	-	-	11	49	32	220	2	2
1868	SIRSA RIVER AT D/S NALAGARH DISTT. SOLAN	HIMACHAL PRADESH	18	36	5.8	9.9	7.1	8.2	423	1246	1	2.8	-	-	9	22	26	110	2	2
2616	SIUEL AT D/S SURGANI	HIMACHAL PRADESH	3	18	8.2	9.4	7.3	7.9	129	246	BDL	1	BDL	1.25	2	2	21	63	2	2
2607	SUKETI KHAD AT D/S MANDI	HIMACHAL PRADESH	16	22	8.2	9.9	7.7	8.6	210	342	BDL	1	BDL	2.7	38	1600	280	1600	2	2
2608	BINWA AT D/S PAPROLA/BAIJNATH	HIMACHAL PRADESH	11	23	7.3	9.2	7.5	8	94	163	BDL	1	BDL	1.09	2	4	21	110	2	2
2609	NEUGAL AT D/S THURAL	HIMACHAL PRADESH	10	30	8.6	9.1	7.5	8.1	111	284	BDL	1	BDL	1.59	2	2	17	47	2	2
2610	SPITI AT KHAB	HIMACHAL PRADESH	6	8	9.4	9.9	7.4	8.4	357	2900	BDL	BDL	BDL	0.95	11	120	130	350	-	-
2612	BASPA AT U/S RESERVOIR BASPA PROJECT	HIMACHAL PRADESH	6	11	9.2	9.8	7.5	8.5	138	3651	BDL	1	BDL	0.64	2	46	33	350	2	2
2755	BANGANGA (BATHING GHAT), KATRA,	JAMMU & KASHMIR	11	23	6.1	7.5	8.2	8.7	280	380	1.1	4.2	BDL	0.78	-	-	-	-	-	-
2756	BANGANGA (IN FRONT OF PONY SHED NEAR REASI BRIDGE)	JAMMU & KASHMIR	11	24	6.1	7.7	8.4	8.6	300	342	1.4	5.6	BDL	0.79	-	-	-	-	-	-
2752	BASANTER U/S (R.H.S) SAMBA (BELOW NH-1A BRIDGE),	JAMMU & KASHMIR	15	22	6.4	7.4	8.4	8.5	210	340	1	1.6	BDL	0.72	-	-	-	-	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
2748	CHENAB AT L.H.S.(BELOW BRIDGE CHENAB)	JAMMU & KASHMIR	13	16	8.2	9	7.8	8.1	126	180	BDL	BDL	BDL	BDL	-	-	-	-	
2749	CHENAB AT BLIND CURVE SHAMSHAN GHAT (1.5 KM U/S FR)	JAMMU & KASHMIR	13	16	8	9.1	7.7	8.1	128	180	BDL	BDL	BDL	BDL	-	-	-	-	
2750	CHENAB RIVER AT CHADRA GAON VIEW POINT(4 KM U/S F	JAMMU & KASHMIR	13	16	8	9.1	7.6	8.1	128	183	BDL	BDL	BDL	BDL	-	-	-	-	
2751	CHENAB AT JAL PATAN MANDIR AFTER MEETING WITH MAIN DRAIN OF AKHNOOR CITY(1.5 KMD/S FROM SPOT)	JAMMU & KASHMIR	13	16	8.3	8.3	8.1	8.2	104	184	BDL	BDL	BDL	BDL	-	-	-	-	
2754	DEVAK RIVER UDHAMPUR(NEAR SHIV MANDIR D/S)L.H.S.	JAMMU & KASHMIR	16	24	5	6.7	7.3	7.9	430	540	3	7.2	0.3	1.9	-	-	-	-	
2757	DEVAK RIVER AT UTTERBEHNI	JAMMU & KASHMIR	16	20	8.1	8.2	8.6	8.8	386	400	BDL	BDL	BDL	BDL	-	-	-	-	
2742	TAWI AT SHETALI LIFTING POINT NAGROTA(5KM U/S TAWI)	JAMMU & KASHMIR	14	23	7.7	9.1	7.4	8.2	100	286	BDL	BDL	BDL	BDL	-	-	-	-	
2743	TAWI AT BAGH-E-BAHU LIFTING POINT(1 KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	14	23	7.3	9	7.2	8.3	110	373	BDL	BDL	BDL	BDL	-	-	-	-	
1412	TAWI AT JAMMU U/S, (TAWI BRIDGE)	JAMMU & KASHMIR	14.2	25	5.2	6.8	7.8	8.6	440	650	2	2.5	BDL	0.47	-	-	-	-	
2744	TAWI BELOW TAWI BRIDGE	JAMMU & KASHMIR	14	24	6.5	8.2	7.2	8.7	114	380	1.5	2.8	BDL	BDL	-	-	-	-	
2745	TAWI BAGHWATI NAGAR (2KM D/S TAWI BRIDGE)	JAMMU & KASHMIR	14	24	5.2	8	7.7	8.9	120	705	3	8.5	BDL	0.3	-	-	-	-	
2746	TAWI AT BELICHARANA(4KM D/S TAWI BRIDGE)	JAMMU & KASHMIR	14	24	7.2	8.5	7.5	8.7	116	353	BDL	1	BDL	BDL	-	-	-	-	
2747	TAWI AT SURAJPUR CHATHA(10 KM D/S TAWI BRIDGE)BELO	JAMMU & KASHMIR	14	24	7.5	8.6	7.5	8.6	118	350	BDL	BDL	BDL	1	-	-	-	-	
1307	RIVER CHUNT KOL (MAULANA AZAD BRIDGE)	JAMMU & KASHMIR	16.9	27	1.5	5.5	7.1	7.5	131	320	2.5	6.8	-	-	-	-	-	-	
1306	RIVER GAWKDAL, SRG (SHERGHARI, SRG)	JAMMU & KASHMIR	15.5	21.5	4.1	6.7	7.0	8.1	123	333	2.0	3.7	-	-	-	-	-	-	
1304	RIVER JHELUM AT ANANTNAG D/S	JAMMU & KASHMIR	12	22	5.5	8.5	7.2	7.7	156	425	1.3	4.3	-	-	-	-	-	-	
1410	RIVER JHELUM AT DALAGATE (INLET), SRINAGAR	JAMMU & KASHMIR	14.8	22	4.7	9.8	7.1	8.8	126	321	1.5	3.3	-	-	-	-	-	-	
1411	RIVER JHELUM AT CHATTABAL WEIR (OUTLET)	JAMMU & KASHMIR	14.1	28.1	4.2	6.5	7.1	7.8	125	335	1.7	3.1	-	-	-	-	-	-	
3272	RIVER JHELUM AT VERINAG	JAMMU & KASHMIR	12	18	6.3	8.0	7.1	7.6	270	355	BDL	BDL	-	-	-	-	-	-	
3273	RIVER JHELUM AT SANGAM, CONFLUENCE POINT OF VISHAV NALLAH	JAMMU & KASHMIR	11	23	5	7	7.2	7.7	113	318	1.5	2.0	-	-	-	-	-	-	
3274	RIVER JHELUM AT AWANTIPORA	JAMMU & KASHMIR	11	22.5	4.9	6	7.5	7.6	192	277	1.6	2.1	-	-	-	-	-	-	

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
3275	RIVER JHELUM AT PAMPORE	JAMMU & KASHMIR	10	25.5	4.6	7.7	7.3	7.6	106	312	1.7	2.6	-	-	-	-	-	-	-	-
3276	RIVER JHELUM AT SOPORE, CONFLUENCE POINT OF WULAR LAKE	JAMMU & KASHMIR	11.8	25.8	4.3	8.5	7.2	7.6	165	300	1.5	3.0	-	-	-	-	-	-	-	-
3277	RIVER JHELUM AT BARAMULLA D/S	JAMMU & KASHMIR	12	25.5	5	6.6	7.2	7.7	175	370	1.8	3.2	-	-	-	-	-	-	-	-
4053	RIVER JHELUM AT BIJEHARA	JAMMU & KASHMIR	11	22	4.9	6.5	7.5	7.6	163	363	1.3	2.0	-	-	-	-	-	-	-	-
4054	RIVER JHELUM AT PANTHACHOWK	JAMMU & KASHMIR	1	22	5.2	7	7.3	7.7	106	310	1.8	3.2	-	-	-	-	-	-	-	-
3278	RIVER LIDDER AT LARIPORA	JAMMU & KASHMIR	10.1	14.4	7.1	8.7	7.6	7.9	87	141	BDL	BDL	-	-	-	-	-	-	-	-
3279	RIVER LIDDER AT CLUB PARK	JAMMU & KASHMIR	9.8	14.5	6.8	8.5	7.4	7.9	92	142	BDL	BDL	-	-	-	-	-	-	-	-
3280	RIVER LIDDER AT BUS ADDA	JAMMU & KASHMIR	10.3	14.8	7.0	8.2	7.2	7.9	80	166	BDL	1.1	-	-	-	-	-	-	-	-
3281	RIVER LIDDER AT YANEER, D/S OF PHALGUM	JAMMU & KASHMIR	13.0	17.3	7.1	8.9	7.2	8.3	71	122	BDL	BDL	-	-	-	-	-	-	-	-
3282	RIVER LIDDER NERA BUMZOO, ANANTNAG	JAMMU & KASHMIR	14	18.7	6.4	8.8	7.3	8.0	88	192	BDL	1.2	-	-	-	-	-	-	-	-
4051	RIVER LIDDER AT NUNWAN	JAMMU & KASHMIR	13.2	15.8	7.3	8.8	7.5	7.9	74	110	BDL	1.0	-	-	-	-	-	-	-	-
4052	RIVER LIDDER NEAR LAVENDER PARK	JAMMU & KASHMIR	10.3	14.6	7.3	8.5	7.5	7.9	91	142	BDL	BDL	-	-	-	-	-	-	-	-
3283	RIVER SINDH AT SONAMARG U/S	JAMMU & KASHMIR	6.8	14.2	6.6	8.4	7.2	8.0	136	347	BDL	1.1	-	-	-	-	-	-	-	-
3284	RIVER SINDH AT SONAMARG D/S	JAMMU & KASHMIR	6	14.1	6.9	8.5	7.8	8	140	346	BDL	BDL	-	-	-	-	-	-	-	-
3285	RIVER SINDH AT WAIL BRIDGE	JAMMU & KASHMIR	11.6	18.4	6.8	8.8	7.7	7.9	147	255	BDL	1.2	-	-	-	-	-	-	-	-
3286	RIVER SINDH AT DUDEHAMA	JAMMU & KASHMIR	12.5	19.1	6.7	8	7.4	7.7	209	345	1	1.5	-	-	-	-	-	-	-	-
3287	RIVER SINDH AT RANGIL, SRINAGAR	JAMMU & KASHMIR	10.2	19.9	5.7	8.7	7.4	7.7	117	283	BDL	1.1	-	-	-	-	-	-	-	-
2758	RIVER UJH AT DAM SITE(L.H.S.), KATHUA	JAMMU & KASHMIR	20	20	7.8	7.8	7.8	7.8	238	238	BDL	BDL	-	-	-	-	-	-	-	-

Table-2.2: Water Quality Of Tributaries - Sukhana, Sarsa, Swan, Tirthan, Pabbar, Alhi, Ashwani, Manjhi Khad, Mol khad, Baner Khad, Charan Khad, Ashwani Khad, Gumma Nauti Khad, Dhauli Khad, Shikari, Batta, and Kali Bein (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	17	19	5.2	7	6.2	8.1	284	855	BDL	3.8	-	-	7	21	32	70	2	5
4161	CONFLUENCE POINT OF SARSA NADI WITH RIVER SUT	PUNJAB	11	20	7	10.5	7.5	8.5	239	505	1	1	1.3	3.52	91	370	310	1100		
3856	SWAN RIVER U/S GAGRET	HIMACHAL PRADESH	22	30	6.5	8.1	7.7	8	332	497	BDL	1	0.4	3.71	2	6	33	130	2	2
3857	SWAN RIVER D/S GAGRET	HIMACHAL PRADESH	22	29	6	8.2	7.7	8	345	490	BDL	1	0.42	4.14	2	6	41	150	2	2
3858	SWAN RIVER U/S SANTOSHGARH BRIDGE	HIMACHAL PRADESH	21	30	6.3	8.3	7.6	8.2	385	773	BDL	1	0.41	2.34	2	4	32	120	2	2
3859	SWAN RIVER U/S UNA TOWN GHALLUWAL BRIDGE	HIMACHAL PRADESH	20	30	6.1	9.1	7.7	8	338	462	BDL	10	0.41	2.7	2	6	27	240	2	2
4030	SWAN RIVER B/C OF GARNI KHAD	HIMACHAL PRADESH	21.5	31	6.3	8.2	7.8	8.1	318	526	BDL	1	0.53	3.7	2	4	33	110	2	2
4031	SWAN RIVER A/C GARNI KHAD	HIMACHAL PRADESH	21	28	6.1	8.3	7.6	8	326	500	BDL	1	0.47	2.9	2	4	39	130	2	2
4433	SWAN RIVER D/S OF UNA AT RAMPUR BRIDGE	HIMACHAL PRADESH	20	30	6.1	8.3	7.7	8.3	358	487	BDL	1	0.54	1.6	2	4	34	130	2	2
1869	SWAN RIVER AT D/S NANGAL DISTT. UNA	HIMACHAL PRADESH	21	34	7	8.1	7.4	7.9	355	589	BDL	1	0.55	1.81	2	6	39	210	2	2
4038	RIVER TIRTHAN B/C TO RIVER SUTLEJ	HIMACHAL PRADESH	6	16	8.5	10.1	7.3	8.1	65	257	BDL	1	BDL	0.8	13	40	70	170	2	2
2617	PABBAR AT U/S DHAMBARI	HIMACHAL PRADESH	5	16	8.6	9.5	7.4	8.4	51	7578	BDL	1	BDL	0.79	2	27	20	240	2	2
2618	PABBAR AT U/S ROHRU	HIMACHAL PRADESH	8	19	8	12.8	7.3	8.2	45	8729	BDL	1	BDL	0.72	9	33	76	350	2	2
4039	RIVER PABBAR U/S HATKOTI	HIMACHAL PRADESH	11	23	7.5	13.8	7.2	8.1	67	1179	BDL	1	BDL	2.06	9	34	84	540	2	13
4464	ALHI RIVER-NOG(NEAR WATER SUPPLY SCHEME INTAKE) TRIUTARY OF RIVER SUTLEJ	HIMACHAL PRADESH	16	23	8	9.2	7.9	8.8	60	415	BDL	1	BDL	4.95	17	49	110	220	2	2
4465	HARABAGH(INTAKE FROM BBMB SOURCE-BBMB ADIT HARABGH) WATER SPRING	HIMACHAL PRADESH	16	22	7.5	9.1	7.2	8.5	265	565	BDL	1	BDL	0.62	13	38	94	170	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
4036	KUNNI PUL, VILL SAMAHU, PO KUNIHKAR, TEHSIL ARKI	HIMACHAL PRADESH	16	19	7.1	8.2	7	8.5	279	1862	BDL	1.6	-	-	3	13	14	31	2	2
4479	ASHWANI RIVER AT SADHUPUL (U/S OF BRIDGE TOWARDS CHAIL.)	HIMACHAL PRADESH	17	19	5.8	7.8	6.4	9	256	636	BDL	2.4	-	-	2	68	10	38	2	2
2620	ASHWANI AT U/S YASHWANT NAGAR	HIMACHAL PRADESH	17	19	5.8	8	6.6	8.6	204	1946	BDL	1.8	-	-	2	14	21	41	2	2
4023	MANJHI KHAD U/S DHARAMSHALA OF KHANIYARA	HIMACHAL PRADESH	8	18	8.7	9.4	7.2	8.5	76	230	BDL	9.4	BDL	1.13	2	2	21	47	2	2
4024	MANJHI KHAD D/S DHARAMSHALA AT CHETRU	HIMACHAL PRADESH	9	20	8.1	9	7.1	8.4	82	263	BDL	1	BDL	1.06	2	2	24	47	2	2
4025	MOL KHAD U/S PALAMPU	HIMACHAL PRADESH	9	23	7.2	8.9	7.6	8	102	181	BDL	1	BDL	1.7	2	2	20	58	2	2
4026	MOL KHAD D/S PALAMPU	HIMACHAL PRADESH	9	24	7.4	9	7.5	8.1	115	154	BDL	1	BDL	0.49	2	2	24	46	2	2
4060	DAM-SITE AT THEIN	JAMMU & KASHMIR	21	21	7.4	7.4	7.5	7.5	196	196	BDL	BDL	BDL	BDL	-	-	-	-	-	-
4457	BANER KHAD U/S CHAMUNDA TEMPLE	HIMACHAL PRADESH	8	20	6.9	9.1	7.1	7.9	94	206	BDL	1	BDL	1.02	2	2	17	40	2	2
4458	BANER KHAD D/S CHAMUNDA TEMPLE	HIMACHAL PRADESH	8	20	6.8	9.1	7.1	8	94	233	BDL	1	BDL	0.83	2	2	25	46	2	2
4460	CHARAN KHAND U/S BHAGSUNAG	HIMACHAL PRADESH	9	19.5	7.8	9.2	6.9	8.1	62	110	BDL	1	BDL	1.08	2	2	13	48	2	2
4428	U/S OF WEIR SITE OF WTP NEAR ASHWANI BRIDGE	HIMACHAL PRADESH	9	25	7.2	8.9	6.9	8.2	80	4306	BDL	5.4	0.39	7.5	13	240	110	1600	2	11
4429	D/S OF ASHWANI KHAD (AFTER CONFLUENCE OF LIFT NALLAH)	HIMACHAL PRADESH	11.5	27	6.8	8.4	6.9	8.1	390	5919	1.8	75	1.04	8.88	70	1600	920	1600	2	22
4424	RAW WATER FROM AT GUMMA NAUTI KHAD	HIMACHAL PRADESH	10	28	7.7	9.5	8.1	8.8	305	3624	BDL	1	BDL	1.87	2	33	11	920	2	2
4432	DHAULI KHAD AT CHARAN GANGA MEDI	HIMACHAL PRADESH	21	27	6.5	8.1	7.8	8.1	348	764	BDL	1	BDL	1.44	2	4	26	84	2	2
4431	SHIKARI BEFORE CONFLUENCE TO RIVER PABBAR NEAR HRTC ROHRU BUS STAND	HIMACHAL PRADESH	11	28	7.1	10.6	7.4	8.2	132	1976	BDL	1.8	BDL	2.08	14	1600	150	1600	2	23
2626	BATTA AT U/S PAONTA	HIMACHAL PRADESH	11	35	7	9	7.1	7.7	308	443	BDL	2.2	BDL	1.08	6	220	26	1100	2	2
2627	BATTA BEFORE CONFLUENCE TO YAMUNA	HIMACHAL PRADESH	14	33	6.9	8.4	7.2	7.7	238	448	BDL	2.4	BDL	1.28	11	70	38	170	2	2
2913	KALI BEIN FALLING INTO RIVER BEAS, PUNJAB	PUNJAB	15	38	3.7	5.7	7.2	7.9	254	402	2	3.4	0.6	1.6	210	2100	1100	8400	-	-

Table - 3: Water Quality of river Ganga (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	7.1	7.1	109	109	1.5	1.5	0.32	0.32	2	2	2	2	2	2
1484	ALAKNANDA B/C MANDAKINI AT RUDRA PRAYAG	UTTARAKHAND	12	19	9.2	10.8	7.3	8	173	303	1	1	BDL	BDL	2	2	2	2	2	2
1486	ALAKNANDA A/C MANDAKINI AT RUDRAPRAYAG	UTTARAKHAND	13	20	10	10.8	7.4	8	116	284	1	1	BDL	0.35	2	2	2	2	2	2
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	UTTARAKHAND	14	20	8.8	11	7.2	8.1	78	197	BDL	1	BDL	BDL	2	2	2	2	2	2
1487	ALAKNANDA B/C TO BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	15	20	9	12.8	7.3	8.1	87	223	BDL	1	BDL	BDL	2	2	2	2	2	2
1489	ALAKNANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	14	21	9.8	11.8	7.3	8	83	263	BDL	1	BDL	0.39	2	2	2	2	2	2
1060	GANGA AT RISHIKESH U/S,	UTTARAKHAND	16	26	8.8	11.6	7.1	8.4	79	194	BDL	1	BDL	2.9	2	26	2	50	2	2
1485	MANDAKINI B/C ALKALNADA AT RUDRAPRAYAG,	UTTARAKHAND	12	20	9.4	10.6	7.4	7.8	111	207	1	1	BDL	BDL	2	2	2	2	2	2
10147	RIVER GANGA D/S RISHIKESH	UTTARAKHAND	17	25	8.8	10.6	7	8.3	91	211	BDL	4	BDL	0.75	2	30	2	50	2	2
2725	GANGA RIVER AFTER CONFLUENCE OF RIVER SONG NEAR SATYANARAYAN TEMPLE, D/s RAIWALA, DEHRADUN	UTTARAKHAND	17	29	8.2	10.8	7.1	8.4	164	726	1	2	BDL	2.59	2	84	2	140	2	2
3997	RIVER GANGA U/S HARIDWAR AT ABINDUGHAT, DUDHIYABAD, HARIDWAR	UTTARAKHAND	19	27	8.2	10.4	7.4	8.1	114	275	1	1.2	BDL	0.43	30	60	60	110	2	2
10148	RIVER GANGA AT HAR-KI-PAURI GHAT	UTTARAKHAND	17	27	8	10.8	7.3	8	96	396	BDL	1.2	BDL	0.36	2	60	2	90	2	2
1061	GANGA AT HARIDWAR D/S, UPPER GANGA CANAL D/S BALKUMARI MANDIR, AJEETPUR, HARIDWAR	UTTARAKHAND	16	29	8	10.6	7.1	8	103	441	1	2.2	BDL	0.53	2	110	2	170	2	2
30005	GANGA AT SULTANPUR (UTTARAKHAND)	INTER-STATE	-	-	8.4	9.1	6.8	7.7	150	281	1	4.2	0.31	1.61	68	4900	450	54000	4	170
30006	GANGA AT BIJNOR (U.P.)	INTER-STATE	-	-	8.6	9	7.3	7.7	179	211	1	1.6	BDL	1.31	78	1300	1300	5400	78	700
10150	RIVER GANGA AT MADHYA GANGA BARRAGE, BIJNOR	UTTAR PRADESH	-	-	8	9.9	7.4	8.1	110	239	BDL	1.5	-	-	700	1300	1200	2800	2	14
1062	GANGA AT GARHMUKTESHWAR, U.P	UTTAR PRADESH	15.4	22	7.1	10.8	7	8.5	150	275	BDL	9.8	BDL	0.5	140	7000	280	9400	120	540
10149	RIVER GANGA AT GHARMUKTESHWAR	UTTAR PRADESH	15	22	7.5	11.2	7	8.3	150	250	BDL	2.1	BDL	9.4	120	920	220	1600	94	280
2488	GANGA U/S, ANOOPSHAHAR	UTTAR PRADESH	14	28	7.5	9.2	6.7	7.3	164	2200	1	2.7	BDL	0.35	150	930	180	2100	2	2
2489	GANGA D/S, ANOOPSHAHAR	UTTAR PRADESH	14	28	7.6	9.3	6.9	7.4	196	224	1	2.6	BDL	4.1	220	1400	540	4800	2	68
1145	GANGA AT NARORA (BULANDSAHAR), U.P.	UTTAR PRADESH	15	29	7.8	9.4	6.9	7.3	168	212	BDL	2.6	BDL	0.42	430	1700	750	3300	2	20

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
2490	GANGA AT KACHHLA GHAT, ALIGARH	UTTAR PRADESH	17.5	22.5	8.8	10.7	7.1	7.7	48	1960	BDL	1.6	BDL	4.72	140	320	170	480	2	2
10151	RIVER GANGA AT FARRUKABAD	UTTAR PRADESH	16	30	7.2	11.5	7.2	8.4	160	324	1.2	2.6	-	-	920	2100	1700	4000	2	2
1063	GANGA AT KANNAUJ U/S (RAJGHAT), U.P	UTTAR PRADESH	16	30	6.7	11	7.6	8.5	177	396	2	2.8	-	-	1100	11000	1300	4900	2	2
1066	GANGA AT KANNAUJ D/S, U.P	UTTAR PRADESH	16	30	6.3	10.6	7.5	8.4	182	488	2.2	3.1	-	-	1700	4600	4200	9400	2	2
1146	GANGA AT BITHOOR (KANPUR), U.P.	UTTAR PRADESH	16	31	6.2	12	7.6	8.6	186	370	2.4	3.2	-	-	1100	4900	3300	9400	40	68
1067	GANGA AT KANPUR U/S (RANIGHAT), U.P	UTTAR PRADESH	20	31	6.2	12.1	7.5	8.52	212	356	2.9	6.3	-	-	1400	9200	3900	17000	20	45
10154	RIVER GANGA AT BATHING GHAT (BHARAOGHAT)	UTTAR PRADESH	20	31	6	11.8	7.6	8.59	212	351	2.5	3.4	-	-	1300	13000	2300	23000	45	78
10155	RIVER GANGA AT D/S (SHUKLAGANJ)	UTTAR PRADESH	20	31	6	11.7	7.4	8.5	180	372	3.1	3.8	-	-	2200	21000	5800	40000	2	20
1068	GANGA AT KANPUR D/S (JAJMAU PUMPING STATION), U.P	UTTAR PRADESH	20	31	5.6	10.9	7.3	8.4	210	448	4	4.4	-	-	9400	27000	21000	54000	2	2
10157	RIVER GANGA AT BATHING GHAT (JAJMAU BRIDGE)	UTTAR PRADESH	20	31	5.8	11.3	7.4	8.5	225	410	3.9	4.5	-	-	7900	21000	17000	39000	20	20
1147	GANGA AT DALMAU (RAI BAREILLY), U.P.	UTTAR PRADESH	19	26	7.6	10.5	7.7	8.2	231	341	3.4	4.2	BDL	0.84	1100	3100	1600	4000	20	20
2498	GANGA AT KALA KANKAR, RAEWARELI	UTTAR PRADESH	19	26	7.8	10.6	7.7	8.2	228	347	3.3	4	BDL	0.8	1300	3000	1700	3900	20	20
1046	GANGA AT ALLAHABAD (RASOOLABAD), U.P.	UTTAR PRADESH	18.8	28	7.6	12.5	7.3	8.5	214	334	2	3.2	BDL	1.47	610	2300	2100	4900	2	40
2487	GANGA AT KADAGHAT, ALLAHABAD	UTTAR PRADESH	18.7	26.7	7	11.7	7.4	8.5	263	338	2	2.9	BDL	1.53	680	2200	1500	4600	2	2
1049	GANGA AT ALLAHABAD D/S (SANGAM), U.P.	UTTAR PRADESH	18.8	26.9	7.1	11.8	7.8	8.4	285	369	2	2.7	0.42	1.76	680	3300	2000	7900	2	20
10158	RIVER GANGA A/C TAMSA RIVER, SIRSA, SON BARSA	UTTAR PRADESH	18.8	26.9	7.7	12	7.6	8.5	285	514	2.1	2.9	0.36	1.68	610	3300	2000	9400	20	20
2485	GANGA U/S, VINDHYACHAL, MIRZAPUR	UTTAR PRADESH	19.5	32	6.4	9.9	7.8	8.5	238	824	1.7	3.3	-	-	500	2300	1400	4300	2	4900
2486	GANGA D/S, MIRZAPUR	UTTAR PRADESH	19.5	32	5.8	8.8	7.7	8.7	246	536	3.1	4.4	-	-	5400	17000	11000	33000	2	11000
10153	RIVER GANGA AT CHUNAR	UTTAR PRADESH	19.5	33	6.2	9.1	3.3	8.5	238	532	2.8	4.1	-	-	1700	13000	3400	22000	2	6300
1070	GANGA AT VARANASI U/S (ASSIGHAT), U.P	UTTAR PRADESH	17.5	31.5	6.5	10.4	7.9	8.6	242	512	2.1	6.5	BDL	0.6	500	1400	1100	3400	700	6300
1071	GANGA AT VARANASI D/S (MALVIYA BRIDGE), U.P	UTTAR PRADESH	17.5	31.5	5.8	9.5	7.8	8.7	254	546	3.5	4.2	BDL	0.7	7000	17000	14000	31000	7000	13000
10152	RIVER GANGA A/C GOMTI RIVER, BHUSAULA	UTTAR PRADESH	18	31.5	6.3	9.9	7.9	8.7	250	530	2.8	3.8	BDL	0.6	2100	13000	4600	22000	5000	9000
10156	RIVER GANGA AT BATHING GHAT (GOLA GHAT)	UTTAR PRADESH	20	31	5.7	11.5	7.4	8.6	175	388	2.5	4.4	-	-	2100	23000	3300	54000	2	20

Station code	Name of the Monitoring Location	State Name	Temperature (°C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1073	GANGA AT TRIGHAT (GHAZIPUR), U.P	UTTAR PRADESH	18	32	5.7	9	7.8	8.8	260	538	3.4	4.3	BDL	0.7	4300	17000	11000	31000	7000	11000
30076	GANGA AT MANJHIGHAT(BIHAR)	INTER-STATE	19	30	6.4	11.8	7.8	8.9	232	496	3.3	5.3	BDL	1	200	11000	400	21000	-	-
1074	GANGA AT BUXTAR	BIHAR	13	33	5.2	11.1	7.7	8.6	209	550	1.2	2	BDL	0.88	2200	160000	3900	160000	2	700
10113	RIVER GANGA AT U/S JAIL GHAT, BUXTAR	BIHAR	12	34	5.6	9.8	7.7	8.4	233	530	1.2	2.2	BDL	0.77	3300	160000	4000	160000	45	3500
2551	GANGA AT BUXTAR, RAMREKHAGHAT	BIHAR	12	34	5.6	10.1	7.7	8.6	257	565	1.3	2.4	BDL	1.35	2200	160000	13000	160000	2	1400
3113	GANGA AT D/S BUXTAR NEAR ROAD BRIDGE	BIHAR	12	34	5.4	10.1	7.6	8.5	261	554	1.1	2.3	BDL	0.78	11000	160000	28000	160000	140	1700
10131	RIVER GANGA AT U/S BARAHPUR BINDTOLI	BIHAR	18	30	6	9.6	7.4	8.4	247	382	1.3	2.6	BDL	0.44	1700	160000	7000	160000	45	1700
10162	GANGA AT ARA- CHAPRA ROAD BRIDGE (KOILWER BANURA - CHAPRA ROAD	BIHAR	15	34	5.6	10	7.2	8.5	204	503	1.2	3	BDL	1.57	1700	35000	3300	160000	18	2200
2564	GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	BIHAR	16	31	5.7	9.8	7.2	8.5	166	387	1.4	3.1	BDL	1.39	1400	160000	3300	160000	40	9200
10114	GANGA AT MAA AMBIKA ASTHAN, AAMI, SARAN	BIHAR	12	31	5.8	9.5	7.3	8.4	206	487	1.4	2.3	BDL	0.44	1700	160000	17000	160000	45	5400
3114	GANGA NEAR DANAPUR (NEAR PIPA PUL) ,PATNA	BIHAR	20	34	5	9.5	7.1	8.4	214	361	1.1	3	BDL	BDL	680	160000	1400	160000	45	5400
1077	GANGA AT KURJI, PATNA U/S	BIHAR	18	35	5.6	10	7.5	8.5	239	388	1.3	2.4	BDL	0.65	2200	160000	3300	160000	170	2400
2552	GANGA AT GANDHIGHAT, NIT AT PATNA	BIHAR	19	36	5.4	9.7	7.3	8.5	259	500	1.4	4	BDL	0.46	2200	160000	17000	160000	210	9200
10115	GANGA AT GULABI GHAT, PATNA	BIHAR	19	36	5.4	9.8	7.3	8.4	245	500	1.4	2.9	BDL	0.67	14000	160000	28000	160000	40	9200
1079	GANGA AT PATNA D/S (GANGA BRIDGE), GAIGHAT	BIHAR	20	36	5.5	9.5	7.3	8.4	237	598	1.3	3	BDL	0.62	2200	160000	4000	160000	1300	3500
3122	GANGA AT MALSALAMI, PATNA	BIHAR	20	35	7.4	9.8	7.9	8.5	304	500	1.1	1.9	BDL	BDL	1700	92000	4000	160000	270	2400
4297	KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	BIHAR	20	34	5.6	9.6	7.6	8.4	245	405	1.2	3	BDL	0.54	1100	92000	3900	92000	20	1300
10122	RIVER GANGA AT TRIVENI GHAT, PATNA	BIHAR	18	34	5.4	10.4	7.3	8.4	235	473	1.4	2.4	BDL	0.44	1300	54000	2100	92000	18	2200
4301	BAKHTIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMALGOLA, PATNA	BIHAR	18	34	5.4	9.7	7.5	8.9	228	401	1.2	2.4	BDL	0.41	1400	160000	2600	160000	2	270
2553	GANGA AT KEWALA GHAT,FATUHA, PATNA	BIHAR	18	34	5.2	8.7	7.3	8.3	240	500	1.4	3	BDL	0.98	3300	160000	17000	160000	140	2200
2555	GANGA AT PUNPUN, PATNA	BIHAR	23	34	0.8	8	7.2	8.4	288	896	2	4.8	BDL	0.5	17000	160000	35000	160000	45	3500
3115	GANGA RIVER AT BARH	BIHAR	18	34	5.2	9.7	7.6	8.4	230	412	1.2	2.3	BDL	0.45	3300	160000	13000	160000	68	3500
10130	RIVER GANGA AT D/S NAWADAGHAT , BARH ,PATNA	BIHAR	18	29	5.3	9.8	7.3	8.5	222	436	1.3	2.2	BDL	39	1400	160000	2400	160000	2	3500
1817	GANGA AT MOKAMA (U/s), MAHADEO ASTHAN, PATNA	BIHAR	16	34	5.8	9.8	7.7	8.5	215	424	1.2	2.7	BDL	0.46	1100	160000	2700	160000	93	9200

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1815	GANGA AT MOKAMA (D/s)	BIHAR	19	37	5.1	9.8	6.8	8.5	200	406	1.4	2	BDL	0.42	2600	160000	7900	160000	2	490
3123	GANGA RIVER AT BARAHIYA, NEPALITOLA, MARANCHI, LAKHSARAI	BIHAR	16	30	5.4	10.5	7.6	8.5	219	429	1.3	2.4	BDL	0.36	1400	160000	2300	160000	2	1300
3116	GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	BIHAR	15	30	5.3	9.8	7.5	8.5	222	370	1.2	3.3	BDL	0.43	1400	160000	3300	160000	2	1300
1818	GANGA AT MUNGER	BIHAR	15	30	5.1	9.7	7.4	8.3	222	394	1.3	2.9	BDL	0.49	2200	160000	11000	160000	2	450
3117	GANGA AT U/S SULTANGANJ, BHAGALPUR	BIHAR	18	30	5	9.6	7.4	8.3	226	377	1.3	2.6	BDL	0.45	1400	160000	2700	160000	2	3500
4398	GANGA RIVER AT WATER INTAKE POINT, BHAGALPUR	BIHAR	17	32	5.5	9.8	7.2	8.5	241	632	1.4	6.7	BDL	3.64	1700	160000	35000	160000	790	16000
2554	GANGA AT SULTANGANJ, BHAGALPUR	BIHAR	18	30	5.2	9.6	7.4	8.5	221	371	1.4	2.5	BDL	0.98	2200	160000	14000	160000	68	5400
10138	RIVER GANGA AT CHAMPAHAR, BHAGALPUR	BIHAR	17	32	5.5	9.5	7.2	8.2	228	856	1.2	4.2	BDL	0.63	1700	92000	2200	160000	20	490
1819	GANGA AT BHAGALPUR	BIHAR	16	40	6.1	9.8	7.5	8.4	222	396	1.1	2.3	BDL	2.2	1100	160000	2200	160000	20	9200
3118	GANGA AT U/S BHAGALPUR NEAR BARARIGHAT	BIHAR	16	32	4.3	9.8	6.9	8.4	234	493	1.4	3.4	BDL	0.82	1700	160000	3300	160000	110	9200
1816	GANGA AT KAHALGAON	BIHAR	16	30	6	9.8	7.7	8.4	220	372	1.3	2	BDL	0.37	1300	160000	3200	160000	45	2800
10143	RIVER GANGA D/S NEAR CREMATION GHAT	BIHAR	16	30	6	9.8	7.5	8.4	219	394	1.2	2.2	BDL	0.39	1700	160000	13000	160000	2	330
30075	GANGA AT TARIGHAT GHAZIPUR (U.P.)	INTER-STATE	19	29.5	5.7	11.6	6.8	8.7	260	486	3.5	5	BDL	0.96	18	14000	450	27000	-	-
10144	RIVER GANGA U/S NEAR LCT GHAT	JHARKHAND	14	36	2.4	10.4	7.1	8.5	120	330	1.6	2.6	-	-	-	-	-	-	-	-
10145	RIVER GANGA D/S NEAR JANTA GHAT	JHARKHAND	15	37	7.6	9.8	7.1	8.4	308	330	1.6	2.8	-	-	-	-	-	-	-	-
10146	RIVER GANGA AT SANGI DALAN	JHARKHAND	14	35	7.8	10.5	7	8.4	125	334	1.4	2.6	-	-	-	-	-	-	-	-
1059	GANGA AT RAJMAHAL	JHARKHAND	15	34	8.1	10.5	7	8.5	310	335	1.4	2.8	-	-	-	-	-	-	-	-
1080	GANGA AT BAHRAMPORE, MURSHIDABAD, WEST BENGAL	WEST BENGAL	17	32	5.3	11.8	7.87	8.85	222	410	1	4.95	0.3	0.63	800	140000	1300	300000	60	3500
10159	RIVER GANGA AT BEHRAMPORE(KHAGRA), MURSHIDABAD	WEST BENGAL	17	32	5	11.3	7.68	8.72	220	464	1.2	5.5	BDL	0.62	1700	140000	2300	300000	20	5400
10160	RIVER GANGA AT BEHRAMPORE, (GORA BAZAR),MURSHIDABAD	WEST BENGAL	17	32	5	11.2	7.72	8.66	219	472	1.05	4.3	BDL	0.62	1300	110000	3000	350000	40	1700
2511	NABADIP ON GANGA, GHOSHPARA NEAR MONIPURGHAT,NADIA	WEST BENGAL	17	32	5.2	11.1	7.84	8.75	188	392	1.35	6.2	BDL	0.73	1300	300000	2300	900000	20	1400
2506	TRIBENI ON GANGA, NEAR BURNING GHAT, HOOGHLY	WEST BENGAL	16	33.5	4.6	11.2	7.41	8.64	221	402	1.2	7.75	BDL	1.14	400	240000	8000	500000	70	2400
10161	RIVER GANGA AT PALTA, SHITALTALA,	WEST BENGAL	18.5	32	4.5	11.5	7.62	8.68	235	407	1.25	6.2	0.38	0.76	8000	350000	13000	900000	130	2800
1054	GANGA AT PALTA WEST BENGAL	WEST BENGAL	19	32	4.4	11.5	7.86	8.7	202	373	1.85	6.7	0.35	0.75	7000	170000	14000	350000	110	5400

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1472	GANGA AT SERAMPORE, HOOGLY,WEST BENGAL	WEST BENGAL	18	34	4.2	12.5	7.7	8.84	228	384	1.3	4.4	0.36	0.9	7000	70000	17000	300000	130	2400
1053	GANGA AT DAKSHMINESHWAR, KOLKATA, WEST BENGAL	WEST BENGAL	17	34	4.1	8.1	6.92	7.98	178	559	1.55	5	BDL	2.68	49000	170000	80000	490000	40	220
1471	GANGA AT HOWRAH-SHIVPUR WEST BENGAL	WEST BENGAL	20	35	3.9	7.8	6.75	8.05	160	770	1.15	4.9	0.3	2.21	23000	130000	110000	220000	40	220
1470	GANGA AT GARDEN REACH, KOLKATA, WEST BENGAL	WEST BENGAL	20	34	3.7	7.6	6.77	7.98	177	589	1.1	5.3	BDL	2.1	30000	140000	70000	700000	20	170
1052	GANGA AT ULUBERIA , HOWRAH,WEST BENGAL	WEST BENGAL	16	33	3.9	8.2	6.78	7.98	231	623	1.05	3.9	0.35	2.45	8000	70000	13000	110000	20	130
1335	GANGA AT PATIKALI NEAR DURGA CHAK WEST BENGAL	WEST BENGAL	21	32	4.6	8.6	6.13	8.54	566	11980	BDL	3.33	BDL	3.4	450	17000	2200	35000	110	220
1469	GANGA AT DIAMOND HARBOUR, 24 PARGANAS (S)WEST BENGAL	WEST BENGAL	22	32	4.5	7.5	6.82	8.11	275	4210	1.2	4.2	BDL	1.92	790	17000	1300	170000	2	68

Table - 4: Water Quality of river Yamuna (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	-	-	10.8	10.8	7.4	7.4	79	79	1	1	BDL	BDL	4	4	4	4	49	49
1493	YAMUNA AT HANUMANCHATTI	UTTARAKHAND	-	-	11.6	11.6	7.9	7.9	145	145	1	1	0.32	0.32	94	94	140	140	33	33
1494	YAMUNA AT U/S OF LAKHWAR DAM	UTTARAKHAND	16	22	8.6	10.8	7.7	8.4	142	320	BDL	1	BDL	0.33	2	9	2	30	2	2
30025	YAMUNA AT DAK PATHER (UTTARAKHAND)	INTER-STATE	-	-	8.6	10.3	7.2	7.9	144	266	1	1.1	0.41	0.61	45	330	230	1300	49	49
1490	YAMUNA AT U/S DAK PATHER,	UTTARAKHAND	17	24	8.2	10.2	8	8.2	106	162	1	1.2	BDL	0.38	17	34	40	70	2	2
30027	YAMUNA AT PONTA SAHIB (H.P)	INTER-STATE	-	-	8.8	10	7.7	8.2	170	452	1	2.2	0.51	1.23	78	170	260	790	14	49
1553	YAMUNA RIVER, U/S PAONTA SAHIB	HIMACHAL PRADESH	13	28	7.1	9.1	6.4	8	214	5866	BDL	1.8	BDL	1.11	9	46	32	140	2	2
1554	YAMUNA RIVER, D/S PAONTA SAHIB	HIMACHAL PRADESH	11	31	7	9	6.6	7.7	248	448	BDL	2	BDL	1.17	11	27	38	94	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
30028	YAMUNA AT BURIYA U/S JAGADHARI, MANDOLI, HARYANA	INTER-STATE	-	-	8.9	9.8	7.6	8.1	220	312	1	1.9	BDL	1.04	20	180	130	2200	11	23
30035	YAMUNA AT HATHNIKUND	INTER-STATE	-	-	8.3	10.2	7.5	8.1	190	300	1	1	0.61	0.91	78	610	490	92000	13	110
1117	YAMUNA AT HATHNIKUND, YAMUNANAGAR	HARYANA	21	29	7.1	8.5	7.3	8.3	192	620	2.4	6.6	BDL	0.65	200	3200	110	21200	-	-
1496	YAMUNA AT KALANAUR, YAMUNA NAGAR	HARYANA	19	29	6.8	9.3	7.2	8.3	197	608	2.2	5.2	BDL	26	200	49000	3900	1600000	-	-
30032	YAMUNA AT SONAULI ROAD, SHAMLI BORDER , PANIPAT (HARYANA)	HARYANA	-	-	6.9	9	7.1	8.3	175	392	1.2	6.4	BDL	1.01	26	18000	33	330000	4	920
10004	RIVER YAMUNA AT KHOJIPUR PANIPAT	HARYANA	24	26	5.6	8.6	6.9	8.4	230	761	1.5	9.1	BDL	1.95	34	110000	240	540000	9.3	28000
30029	YAMUNA AT SONIPAT, BAGHPAT ROAD(HARYANA)	HARYANA	-	-	6.7	8.6	7.2	8.6	212	624	2.8	4.4	BDL	1.23	18	49000	92	79000	23	3400
1119	YAMUNA AT SONEPAT	HARYANA	14	35	7.1	10.6	6.5	8.6	235	683	1.8	5.5	BDL	0.36	110	220000	330	1600000	-	-
10005	RIVER YAMUNA AT PALLA,SONEPAT	HARYANA	14	35	5.8	12.5	6.7	8.6	271	682	1.6	5.6	BDL	0.54	170	94000	410	345000	-	-
30026	YAMUNA AT PALLA, WAZIRABAD (DELHI)	INTER-STATE	-	-	7.2	17.1	7.7	8.6	323	665	3.7	7.9	0.5	1.4	110	79000	490	170000	7	2200
1120	YAMUNA AT PALLA, DELHI	DELHI	15.5	33	5.6	17.1	7.6	9	273	789	1.4	7.9	BDL	1.4	78	79000	330	350000	13	5400
1121	YAMUNA AT NIZAMUDDIN, DELHI	DELHI	13	31	0.3	2.4	7.1	7.9	460	1641	5.6	57	BDL	2.8	210000	11000000	700000	28000000	13000	920000
1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL), DELHI	DELHI	15	31	0.3	2.6	7.1	7.9	488	1526	5.6	27	BDL	1.2	78000	3300000	350000	16000000	9200	920000
1812	YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN, DELHI	DELHI	15	33	0.3	5.6	7.2	7.8	499	1773	7.7	114	BDL	2	68000	7900000	490000	35000000	7900	5400000
1497	YAMUNA AT MAZAWALI, U.P	UTTAR PRADESH	13	14	0.1	2.3	6.4	8.1	978	1719	8.7	59	BDL	1.81	680	4900000	3300	9200000	230	920000
30030	YAMUNA AT ASGARPUR VILLAGE,U.P	INTER-STATE	-	-	0.2	7.2	7.4	7.6	499	1202	7.7	51	0.7	0.81	68000	140000	490000	1300000	7900	540000
30031	YAMUNA AT HASANPUR	INTER-STATE	-	-	3.4	4.8	7.5	8.2	1341	1456	5.7	16	0.41	0.55	490	47000	790	54000	20	3500
30024	YAMUNA AT MOHENA PALWAL ROAD, HARYANA	INTER-STATE	-	-	0.2	2.3	6.4	8.1	1283	1719	19	59	BDL	1.81	680	3900000	3300	4600000	16000	470000
2493	RIVER YAMUNA AT SHAHPUR	UTTAR PRADESH	14	32	4.6	6.9	7.1	7.5	-	-	5.8	10	-	-	31000	85000	53000	110000	-	-
2495	YAMUNA AT KESIGHAT, VRINDAVAN	UTTAR PRADESH	15	32	4	7.6	7.1	7.6	-	-	6	10.4	-	-	24000	65000	46000	88000	-	-
1123	YAMUNA AT MATHURA U/S , U.P.	UTTAR PRADESH	12	13	0.3	4.6	6.5	8.5	1096	1816	7.3	30	0.5	1.66	400	920000	1100	9200000	79	54000
2494	YAMUNA AT VISHRAMGHAT, MATHURA	UTTAR PRADESH	14	32	4.1	7.4	6.9	7.6	-	-	6.8	12	-	-	31000	92000	54000	140000	-	-
1124	YAMUNA AT MATHURA D/S , U.P.	UTTAR PRADESH	12	12	1.6	6.8	6.5	8.3	1195	1903	6.9	21	0.51	1.61	1700	170000	2200	1400000	490	170000
1125	YAMUNA AT AGRA U/S, U.P.	UTTAR PRADESH	12	12	1.4	9.6	6.5	8.5	1154	1872	4.7	25	0.48	2.4	220	3300000	2200	7900000	23	35000

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)			
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L			< 2500 MPN / 100 mL				< 500 MPN / 100 mL			
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1126	YAMUNA AT D/S OF AGRA, U.P.	UTTAR PRADESH	-	-	3.8	16.2	6.5	8.7	875	1920	9.1	25	0.44	3.56	450	6100000	2200	32000000	220	33000
1498	YAMUNA AT BATESWAR, U.P	UTTAR PRADESH	-	-	2.6	9.2	7.8	7.9	1054	1471	14	20	0.76	2.8	450	1400	3300	13000	130	1700
10081	RIVER YAMUNA AT ETAWAH D/S	UTTAR PRADESH	26	29	5.2	6.9	7.3	7.9	814	1044	11.6	18.8	-	-	-	-	-	-	-	-
10082	RIVER YAMUNA AT UDI	UTTAR PRADESH	26	29	5.4	7.1	7.5	8	784	1088	10.4	17.2	-	-	-	-	-	-	-	-
1127	YAMUNA AT ETAWAH, U.P.	UTTAR PRADESH	-	-	7.3	7.3	7.7	7.9	1288	1507	13	15	0.75	1.02	20	200	1300	1700	23	23
1499	YAMUNA AT JUHIKA B/C WITH CHAMBAL, ETAWAH, U.P	UTTAR PRADESH	-	-	8.1	11.3	7.7	8.2	846	937	8.7	13	1.65	3.8	68	7800	1700	220000	240	330
30034	YAMUNA AT ETAWAH	UTTAR PRADESH	-	-	7.3	7.6	7.7	7.9	1507	1814	15	25	0.75	1.4	200	4000	1300	5000	23	28000
30033	YAMUNA A/C OF CHAMBAL AT SHERGARH, JUHIKA (U.P)	INTER-STATE	-	-	8.1	9.6	7.7	8.4	406	937	2.9	8.7	BDL	3.05	2	7800	9	220000	49	330
1069	YAMUNA AT ALLAHABAD D/S (BALUA GHAT), U.P	UTTAR PRADESH	18.9	27.4	7.3	11.5	7.8	8.4	418	725	1.8	2.4	BDL	1.66	310	2100	1700	3900	2	2
2283	YAMUNA AT HAMIRPUR	UTTAR PRADESH	-	-	8.4	8.4	8	8.4	750	832	2.8	6	1.14	3.1	330	2200	1300	13000	920	920

Table - 4.1: Water Quality Of Tributaries - Tons, Giri, Hindon , Betwa, Kali Sindh, Ujad, Chambal, Parvati, Khan, Kshipra, Suswa, Bhella, Dhella, Koshi, Gola, Kiccha, Pilkhar, Nandaur, Kalyani and Ramganga (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)			
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L			< 2500 MPN / 100 mL				< 500 MPN / 100 mL			
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1510	TONS RIVER AT SIRMAUR	HIMACHAL PRADESH	8	26	4.4	12.8	7.4	8.2	55	9759	BDL	1.1	BDL	1.08	4	79	31	540	2	2
30023	TONS AT HARIPUR (U.K.)	INTER-STATE	-	-	8.8	10.1	7.6	8.1	85	218	1	5	0.41	0.61	18	3300	110	14000	14	79
4027	RIVER GIRI D/S RAJGARH TOWN	HIMACHAL PRADESH	13	25	6.7	9.6	6.9	7.9	248	453	BDL	1.7	BDL	0.9	6	22	26	70	2	2
4441	RIVER GIRI U/S PROPOSED SITE OF SRI RENUKAJI DAM SITE	HIMACHAL PRADESH	14	26	7	9.1	6.7	7.9	298	512	BDL	2.2	BDL	1.14	8	78	26	79	2	2
4442	RIVER GIRI D/S PROPOSED SITE OF SRI RENUKAJI DAM S	HIMACHAL PRADESH	14	26	6.6	9	6.7	7.9	272	396	BDL	2.4	BDL	1.01	8	33	31	94	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
4028	RIVER GIRI D/S LAIGIDHAR TRUST, BARU SAHIB	HIMACHAL PRADESH	13	26	6.7	9.7	6.8	7.9	251	622	BDL	2	BDL	0.85	9	32	32	110	2	2
4427	RIVER GIRI U/S CHAILLA	HIMACHAL PRADESH	2.4	27	7.6	9.9	7.5	8.7	128	2267	BDL	1.6	BDL	1.81	2	76	79	350	2	2
2621	GIRI AT D/S YASHWANT NAGAR	HIMACHAL PRADESH	17	19	6.2	8.2	7	8.8	198	1623	BDL	1.8	BDL	BDL	4	13	20	38	2	2
2622	GIRI AT U/S CCI MINES	HIMACHAL PRADESH	19	31	7.2	9.4	7.4	7.9	315	809	BDL	1.6	BDL	0.97	7	93	26	40	2	2
2623	GIRI D/S SATAUN	HIMACHAL PRADESH	19	33	7.1	9.2	7.4	7.8	504	841	BDL	1	BDL	1.59	9	20	31	47	2	2
3877	GIRI RIVER U/S LWSS AT SAINJ	HIMACHAL PRADESH	9	27	7.4	9.3	7.2	8.7	147	2564	BDL	1	0.36	1.8	2	49	58	430	2	2
3878	GIRI RIVER D/S LWSS AT SAINJ	HIMACHAL PRADESH	10	27	7.4	9.6	7.2	8.8	146	2736	BDL	1.2	0.34	2	2	70	84	540	2	5
3860	GIRI RIVER D/S CEMENT CORPORATION OF INDIA, RAJBA	HIMACHAL PRADESH	16	30	6.9	9.5	7.2	7.7	496	756	BDL	1.1	BDL	1.02	9	93	32	49	2	2
3876	GIRI RIVER AFTER CONFLUENCE OF ASHWANI RIVER AT GIRIPUL, YASHWANT NAGAR	HIMACHAL PRADESH	17	18	6.3	8.5	6.4	8.5	219	878	BDL	2.2	-	-	5	17	14	58	2	2
1357	HINDON AT SAHARANPUR D/S, U.P.	UTTAR PRADESH	20	22	-	-	7.8	8.1	670	750	42	48	-	-	-	-	-	-	-	-
10098	RIVER HINDON AT MAHESHPUR U/S	UTTAR PRADESH	16	22	-	-	7.3	8.3	590	790	38	52	-	-	-	-	-	-	-	-
10102	RIVER HINDON AT MOHAN NAGAR U/S	UTTAR PRADESH	18	25	0.4	2.5	6.5	7.7	348	740	12	29	0.46	67	110000	1100000	150000	2800000	-	-
10103	RIVER HINDON AT MOHAN NAGAR D/S	UTTAR PRADESH	19	43	0.5	0.5	6.3	7.9	500	1350	20	45	0.54	1.9	21000	2400000	170000	3500000	-	-
10106	RIVER HINDON AT GHAZIABAD U/S	UTTAR PRADESH	18	23	0.7	2.8	6.6	7.8	327	766	8.9	25	0.43	0.96	90000	3500000	150000	4300000	-	-
1483	HINDON AFTER CONFL. WITH R. KRISHNA & KALI NEAR BINAULI TOWN, MEERUT, U.P.	UTTAR PRADESH	-	-	0.3	0.8	7.5	8	735	1370	15	125	0.41	3.61	40000	140000	170000	920000	49000	1400000
2496	RIVER HINDON AT SARDHANA BUDHANA ROAD, VILLAGE BAPARI, MEERUT	UTTAR PRADESH	14	24	0.3	0.3	7.4	7.7	670	1310	54	80	21.4	27.4	2	94000	110000	170000	2	2
1358	HINDON AT GHAZIABAD D/S, U.P.	UTTAR PRADESH	18	25	-	-	6.8	7.8	819	1505	30	49	0.6	1.6	130000	2800000	210000	4300000	-	-
1356	BETWA BEFORE CONF. YAMUNA AT HAMIRPUR,	UTTAR PRADESH	14	35.9	6.4	7.4	7.5	8.2	259	3720	4.6	5.6	-	-	1100	2400	14000	21000	-	-
30079	BETWA AT SUKMA DUKMA DAM, JHANSI (U.P.)	INTER-STATE	20.4	21.4	7.4	10.1	7.6	8.2	229	378	1	2.8	BDL	1	2	600	200	1200	-	-
1735	RIVER GOVIND SAGAR, U.P	UTTAR PRADESH	16.1	35.8	6.8	8.4	7.2	8.3	174	392	2.4	3.9	-	-	1100	1300	1300	2400	-	-
1614	BETWA NEAR INTAKE POINT, VIDISHA, M.P	MADHYA PRADESH	17	33	7.8	10.8	7.4	8.1	283	4362	BDL	2.3	BDL	5.33	2	3300	63	160000	2	2
2107	RIVER BETWA AT U/S AT MAHUTA GHAT, AGASOD	MADHYA PRADESH	20	29	6.9	7.5	7.3	8.5	297	3786	BDL	1.2	BDL	BDL	2	2	6	26	2	2
2108	RIVER BETWA AT M/S J.P. THERMAL POWER, BINA	MADHYA PRADESH	19	30	6.9	7.3	7.3	8.4	288	430	BDL	1.4	BDL	BDL	2	2	4	25	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
2124	BETWA AT CHARANTIRGHAT, VIDISHA	MADHYA PRADESH	20	32	7.9	8.7	7.4	8.4	263	3609	1	2.4	BDL	6.2	2	35000	94	160000	2	49
2125	BETWA D/S AFTER MIXING OF RIVER BAIS AT VIDISHA	MADHYA PRADESH	19	33	6.4	9	6.6	8.2	248	688	1	2.8	BDL	15.05	2	24000	130	160000	2	33
3832	BETWA AT U/S NEAR ROAD BRIDGE ORCHHA	MADHYA PRADESH	17	31	6.7	7.5	7	7.8	228	337	BDL	1.4	BDL	BDL	2	2	4	26	2	2
30080	BETWA AT KANJIA ROAD BRIDGE, ASHOK NAGAR (M.P.)	INTER-STATE	20	21.5	8.7	10.2	7.9	8.1	388	493	1.8	2.3	0.55	0.82	2	200	200	400	-	-
2953	KALI SINDH AT ANICUT OF M/S CFCL GADEPAN, KOTA,	RAJASTHAN	20	29	3.5	6.3	8.3	8.5	330	600	BDL	2.6	1.2	1.7	14	39	64	75	11	23
2956	KALI SINDH AT BAROD ROAD BRIDGE, KOTA	RAJASTHAN	18	29	3.1	5.9	8.4	8.6	360	550	1.5	2.8	0.84	2.06	20	39	28	75	14	28
2950	DHANARI DAM, NEAR SWAROOPGANJ, SIROHI,	RAJASTHAN	16.5	26	3.2	7.3	7.7	8.3	240	360	1	3.2	1.02	2.06	20	75	64	120	-	-
2951	BISULPUR DAM, TONK, RAJASTHAN	RAJASTHAN	21	32	4.5	6.2	7.8	8.4	280	410	BDL	2.6	1.04	1.82	20	39	28	75	-	-
2952	NEAR NEWTA DAM, JAIPUR, RAJASTHAN	RAJASTHAN	18	35	0.3	7.3	8.6	9.3	950	1710	2.8	13.5	1.71	3.69	93	240	210	460	-	-
2945	CHHAPI DAM UPSTREAM , JHALAWAR,	RAJASTHAN	21	30	5.2	6.8	8.2	8.4	250	380	BDL	2.1	0.74	1.82	21	39	28	64	14	21
2946	UJAD AT BHIM SAGAR DAM UPSTREAM , JHALAWAR,	RAJASTHAN	21	30	4	6.3	8.1	8.4	230	330	1	2	0.58	1.84	14	75	28	210	28	39
2955	CHAMBAL ENTERING IN RAJASTHAN AT GANDHI SAGAR DAM	RAJASTHAN	18	32	4	7.9	8	8.3	260	380	BDL	2.7	0.80	98	21	93	75	240	-	-
3309	CHAMBAL AT TAL VILLAGE NEAR BRIDGE, UJJAIN	MADHYA PRADESH	27	29	6.8	7.9	7.3	8.5	450	2847	2	6	BDL	7.42	3	430	70	1600	-	-
1365	CHAMBAL AT NAGDA U/S (WATER INTAKE POINT)	MADHYA PRADESH	24	29	6.8	7.7	7.4	8.7	304	1054	1.9	2.2	0.47	1.19	2	4	47	49	-	-
1366	CHAMBAL AT NAGDA D/S, M.P.	MADHYA PRADESH	24	30	2	6.9	2	8.5	587	9819	3	34	1.09	7.79	10	14000	150	160000	14	25
1432	PARVATI NEAR VILLAGE BATAODAPAR, M.P.	MADHYA PRADESH	18	26	6.2	7.8	7.3	8.5	202	745	1.7	2.4	BDL	0.8	2	4	24	70	-	-
2954	PARVATI BEFORE MEETING RIVER CHAMBAL AT KHATOLI,	RAJASTHAN	19	30	3.7	7.4	8.3	8.5	400	670	1.2	2.4	0.84	1.842	20	75	28	120	20	21
2109	PARVATI RIVER, GUNA	MADHYA PRADESH	20	26	6.8	7.8	7.1	8.6	254	1020	1.4	2.2	BDL	0.8	2	4	22	63	-	-
2126	PARVATI A/C OF VINDHYACHAL NALLA, PILUKHEDI	MADHYA PRADESH	11	26	6.8	7.5	7.3	8.1	358	680	1.4	2.4	BDL	1	2	4	28	79	-	-
1367	KHAN AT KABIT KHEDI (NEAR INDORE) M.P.	MADHYA PRADESH	20	25	0.8	2.1	7.2	7.9	937	10301	7	26	3.69	7.96	170	1600	1500	2200	110	350
2110	KHAN AT SAKKAR KHADI, INDORE	MADHYA PRADESH	19	25	0.8	2	7.1	7.8	907	1440	10	28	3.10	8.05	150	1600	1200	2200	100	370
2111	KHAN AT SANWER	MADHYA PRADESH	15	25	2.4	5.4	7.2	7.7	805	4076	2.6	14	2.15	7.22	17	1600	540	1600	21	220
1369	KSHIPRA AT RAMGHAT AT UJJAIN, M.P.	MADHYA PRADESH	20	30	6.2	7.7	7.7	8.4	543	1318	4	8	0.95	2.50	34	5400	920	160000	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (°C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1370	KSHIPRA AT TRIVENISANGAM (1 KM. D/S OF SANGAM), M.P.	MADHYA PRADESH	29	29	7	7.9	7.3	8.3	549	1250	3.2	6	0.83	2.01	24	5400	1600	160000	-	-
1468	KSHIPRA AT SIDDHWAT (D/S) OF UJJAIN., M.P.	MADHYA PRADESH	22	29	5.9	8.1	7.3	8.5	561	1792	6	15	1.06	2.81	540	54000	1600	160000	10	47
3315	KSHIPRA AT GAUGHAT, UJJAIN	MADHYA PRADESH	25	29	6.5	7.8	7.6	8.5	532	1363	3.4	7	0.92	2.70	36	5400	1400	160000	-	-
3316	KSHIPRA AT U/S OF MAHIDPUR CITY, UJJAIN	MADHYA PRADESH	26	29	6.6	7.6	7.1	8.4	568	1942	2	4	0.40	1.93	3	540	70	9200	-	-
3317	KSHIPRA AT W/S INTAKE POINT OF DEWAS, UJJAIN	MADHYA PRADESH	22	26	7	7.5	7.2	7.9	300	674	1.6	14	BDL	1.70	2	10	26	58	5	5
2724	SUSWA RIVER AT MATHURAWALA, DEHRADUN	UTTARAKHAND	17	26	2.6	4.2	6.6	8.3	390	1153	26	34	BDL	2.85	2	1600	2	1600	2	2
2734	BHELLA RIVER U/S KASHIPUR	UTTARAKHAND	8	39	3.2	8.4	7	8.1	158	440	3	7.9	-	-	-	-	-	-	-	-
2735	BHELLA RIVER AT LOHIYA BRIDGE D/S KASHIPUR	UTTARAKHAND	8	39	0.2	4	6.2	7.6	330	690	18	28	-	-	-	-	-	-	-	-
2732	DHELLA RIVER U/S AT KASHIPUR MORADABAD ROAD BRIDGE	UTTARAKHAND	8	39	3.4	7.8	7.2	8.4	240	520	4	15	-	-	-	-	-	-	-	-
2733	DHELLA RIVER D/S AT THAKURDWARA ALIGANJ ROAD	UTTARAKHAND	8	32	0.3	3.4	7.1	7.9	410	650	6	26	-	-	-	-	-	-	-	-
2731	KOSHI RIVER AT KASHIPUR BAJPUR ROAD BRIDGE	UTTARAKHAND	17	40	3.2	6.7	7.3	8.3	200	450	3	4.9	-	-	-	-	-	-	-	-
2728	GOLA RIVER AT HALDWANI	UTTARAKHAND	14	27	6.2	8	7.2	8.1	180	280	1.2	3.6	-	-	110	110	170	170	-	-
2729	KICHHA RIVER AT KICHHA U.S. NAGAR	UTTARAKHAND	10	39	2.4	6.9	7	8.8	310	820	3	12	-	-	-	-	-	-	-	-
2730	PILKHAR RIVER AFTER BILASPUR RAMPUR	UTTARAKHAND	9	33	4	7.2	7.1	8.2	320	580	4	9.2	-	-	-	-	-	-	-	-
2736	NANDOUR RIVER U/S SITARGANJ INDUSTRIAL AREA, Us NAGAR	UTTARAKHAND	10	33	3	6.9	7	8.5	180	310	5	9	-	-	-	-	-	-	-	-
2737	NANDOUR RIVER D/S SITARGANJ INDUSTRIAL AREA, Us NAGAR	UTTARAKHAND	10	41	2.6	6.3	7.5	8.9	170	520	2.5	12	-	-	-	-	-	-	-	-
3439	KALYANI RIVER AT D/S PANTNAGAR INDUSTRIAL AREA, Us NAGAR	UTTARAKHAND	10	39	1.4	7.3	6.9	7.9	410	760	4.1	20	-	-	-	-	-	-	-	-
3438	KALYANI RIVER AT U/S PANTNAGAR INDL AREA, Us NAGAR	UTTARAKHAND	10	39	2	8	7.1	8.5	260	540	3	10	-	-	-	-	-	-	-	-
1064	RAMGANGA AT KANNAUJ (BEFORE CONF.), U.P	UTTAR PRADESH	16	32	5.9	10.3	7.8	8.5	296	616	2.8	5	-	-	3200	17000	5800	26000	2	2
30078	RAMGANGA AT D/S KALAGARH DAM (U.K.)	INTER-STATE	16	16	8.5	9.5	6.8	7.4	185	195	1.1	1.9	BDL	0.67	450	23000	780	490000	-	-
30077	RAMGANGA AT D/S SHERKOT, KALAGARH (U.P.)	INTER-STATE	16	16.2	7	9	6.9	7.3	152	359	1	2.9	BDL	0.55	2	7800	780	23000	-	-

Table - 4.2: Water Quality Of Tributaries - Kali (E), Kalinadi, Varuna, Sai, Gomti, Rapti, Saryu, Ghaghara and Rihand (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	14	23	0.3	0.3	7.2	7.6	1000	1590	47	67	21.4	44.4	120000	120000	110000	260000	-	-
1477	KALINADI AT U/S OF MUZAFFAR NAGAR U.P.	UTTAR PRADESH	-	-	0.3	6.2	7.2	7.8	331	427	4.8	10	0.54	1.28	270	140000	3500	1600000	920	17000
1478	KALINADI AT D/S OF MUZAFFAR NAGAR, U.P.	UTTAR PRADESH	-	-	0.3	0.3	6.8	7.7	625	1805	24	440	0.51	7.31	490000	35000000	790000	54000000	27000	78000000
1065	KALINADI AT KANNAUJ (BEFORE CONFL.), U.P	UTTAR PRADESH	16	30	5.5	8.2	7.4	7.9	278	1135	3	6	-	-	2000	11000	4200	27000	2	2
30037	BANGANGA AT U/S IDRISHPUR (U.K.)	UTTAR PRADESH	-	-	3.6	7.6	7.7	7.9	524	582	1.4	6.9	0.66	3.22	78	790	1300	5400	33	490
30038	BANGANGA AT D/S SHUKRATAL (BEFORE CONFLUENCE OF LAKSAR DRAIN)	UTTAR PRADESH	-	-	5.7	7.2	7.6	7.9	415	496	1	2.7	0.61	3.35	78	7900	170	17000	27	170
2482	RIVER VARUNA AT RAMESHWAR, VARANASI	UTTAR PRADESH	18.5	32	6.2	8.7	8.2	8.9	236	522	2.8	3.6	BDL	0.35	800	1700	2100	3400	-	-
2483	RIVER VARUNA B/C WITH RIVER GANGA AT VARANASI	UTTAR PRADESH	18.5	32.5	2.1	4.5	7	7.8	158	782	7.6	18.2	BDL	1.42	33000	70000	49000	110000	-	-
1361	SAI AT UNNAO AFTER DRAIN OUTFALL, U.P.	UTTAR PRADESH	18	32	6	9.2	7.7	8.3	224	487	3.1	3.9	-	-	2600	4300	4600	9400	-	-
2484	RIVER SAI AT JALALPUR, JAUNPUR	UTTAR PRADESH	18.5	32.5	6.2	8.6	7.9	8.5	248	486	2.8	3.9	BDL	0.4	6300	13000	11000	21000	-	-
1350	GOMTI AT SITAPUR U/S AT WATER INTAKE, U.P.	UTTAR PRADESH	12.5	35	6.1	12.4	7.7	8.6	244	436	1.9	2.8	BDL	1.45	330	2200	790	2600	2	2
1351	GOMTI AT LUCKNOW U/S AT WATER INTAKE POINT, U.P.	UTTAR PRADESH	12	33.5	4	11.6	7.6	8.4	282	495	2.5	4	BDL	2	2300	9300	3300	14000	2	20
1352	GOMTI AT LUCKNOW D/S, U.P.	UTTAR PRADESH	13	34.5	1.5	3.8	7.3	7.8	309	680	8.5	12.5	BDL	3.8	49000	130000	130000	350000	2	45
1353	GOMTI AT JAUNPUR D/S, U.P.	UTTAR PRADESH	18	32.5	6	8.7	7.9	8.7	250	548	3.5	4.6	BDL	0.5	4600	14000	9000	26000	-	-
1072	GOMTI AT VARANASI, U.P	UTTAR PRADESH	18	32.5	6.2	8.8	8	8.7	248	534	3.1	4.3	BDL	0.6	3300	13000	7000	23000	-	-
10095	RIVER GOMTI AT SULTANPUR U/S	UTTAR PRADESH	21	28	5.8	7	7.8	8.3	311	369	4.5	4.9	BDL	0.82	4300	5200	7900	8300	-	-
10096	RIVER GOMTI AT SULTANPUR D/S	UTTAR PRADESH	21	28	6	7.2	7.7	8.2	309	361	4.4	4.7	BDL	0.8	4100	4900	7000	8000	-	-
10097	RIVER GOMTI AT JAUNPUR U/S	UTTAR PRADESH	18	32.5	6.4	9.3	8.1	8.6	238	506	2	3.6	BDL	0.4	500	1400	1300	3100	-	-
2491	RIVER RAPTI AT RAJGHAT, GORAKHPUR	UTTAR PRADESH	16	28	7	7.8	7.4	7.7	326	356	5	6	-	-	20000	30000	42000	50000	-	-
1363	RAPTI AFTER CONFL. OF R. HONIN NR. DOMINGARH RLY BRIDGE, GORAKHPUR, U.P.	UTTAR PRADESH	16	26	7.4	8.5	7.5	8.1	272	298	3.4	4.6	-	-	6000	20000	22000	30000	-	-
1354	SARYU AT AYODHYA AT MAIN BATHING GHAT,	UTTAR PRADESH	18	24	9	10.8	7.7	7.8	201	311	2.7	3.2	BDL	0.7	1100	2900	2100	3900	-	-
1355	GHAGHARA AT DEORIA D/S, U.P.	UTTAR PRADESH	16	26	7.2	8	7.4	7.8	312	332	3.2	4.4	-	-	11000	25000	22000	33000	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
2492	RIVER GHAGHRA AT BARHALGANJ, GORAKHPUR	UTTAR PRADESH	18	28	6.9	7.8	7.6	7.8	378	398	3.9	7.8	-	-	18000	34000	34000	52000	-	-
1076	GHAGHARA NEAR CHAPRA, RIBILGANJ, SARAN	BIHAR	16	30	5.8	10	7.3	8.5	160	389	1.4	2.5	BDL	0.45	2200	160000	11000	160000	20	45
1359	RIHAND AT RENUKUT U/S, U.P.	UTTAR PRADESH	17	29	7.5	10.2	3.1	8.3	224	322	1.4	7.6	-	-	200	800	800	14000	2	2
1360	RIHAND AT RENUKUT D/S, U.P.	UTTAR PRADESH	17	30	7.2	9.5	6.3	8.5	238	340	2.5	3.5	-	-	800	2100	2200	4300	-	-

Table - 4.3: Water Quality Of Tributaries - Sone, Gandak, Sikrahna, Burhi Gandak, Harbora, Kamala, Koshi, Daha, Dhous, Ramrekha, Sirsiya, Bagmati, Manusmar, Poonpun, Kohora, Harha, Lakhandei and Gangi (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1075	SONE AT KOELWAR, BHOJPUR	BIHAR	11	36	6.5	10	7.5	8.3	184	511	1.2	2.2	BDL	0.64	1300	160000	3300	160000	40	1700
3121	SONE RIVER NEAR BANZARI, ROHTAS	BIHAR	17	29	6.9	8.8	7.5	8.3	72	218	1.3	2.2	BDL	0.64	1700	160000	3900	160000	40	330
3127	SONE RIVER AT BAHIYARA, BHOJPUR	BIHAR	19	36	6.6	10	7.6	8.5	151	242	1.2	2.3	BDL	0.34	1300	92000	1700	160000	2	790
3128	SONE RIVER AT NASIRIGANJ DAM, ROHTAS	BIHAR	14	29	6.2	8.5	7.4	8.4	135	470	1.1	2.4	BDL	0.69	1100	160000	2600	160000	68	16000
2556	SONE AT INDRAPURI, DEHRI ON SONE, ROHTAS	BIHAR	16	29	6.7	8.9	7.6	8.3	131	201	1.1	2.5	BDL	0.52	936	160000	2100	160000	68	2200
4406	SONE AT OBRA, AURANGABAD	BIHAR	14	30	5.1	9.6	7.6	8.6	218	541	1.3	2.9	BDL	0.39	3300	160000	28000	160000	45	16000
4407	SONE AT WATER INTAKE POINT BHARTIYA RAIL BIJALI CO. LTD. (RBCL), NAVINAGAR, AURANGABAD	BIHAR	13	29	6.7	9.2	7.5	8.2	187	470	1	2.4	BDL	BDL	11000	160000	28000	160000	40	40
4298	ROAD BRIDGE-DEHRI-ON-SONE, ROHTAS	BIHAR	16	30	6.5	8.7	7.5	8.3	127	470	1.2	2.3	BDL	0.49	450	160000	1100	160000	220	230
1078	GANDAK AT SONEPUR, PATNA (B/c GANGA), SARAN	BIHAR	13	30	6	9.7	7.4	8.3	175	300	1.4	2.3	BDL	BDL	1300	160000	3300	160000	170	2200
2568	GANDAK AT REWAGHAT, MUJAFFARPUR	BIHAR	17	29	6.8	9.5	7.6	8.3	160	324	1.2	2.1	BDL	1.06	1700	54000	2200	160000	2	220
3125	GANDAK RIVER GOPALGANJ PIPRAKOTHI ROAD BRIDGE (DUMARIA GHAT)	BIHAR	17	30	6.4	9.6	7.3	8.7	198	332	1.4	2.2	BDL	0.46	2100	54000	7000	160000	2	130

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
10126	GANDAK AT KONHARA GHAT, VAISHALI	BIHAR	14	30	6.3	9.5	7.2	8.3	192	295	1.4	2.8	BDL	0.35	1700	92000	7900	160000	20	490
10163	GANDAK AT ROAD BRIDGE, U/S HAJIPUR	BIHAR	14	30	6.5	9.9	7.5	8.5	185	306	1.3	3.5	BDL	0.61	1100	92000	4000	160000	20	1100
2575	SIKRAHNA RIVER AT LAL PARSE, BITTIAH, EAST CHAMPARAN	BIHAR	18	30	4.5	8.2	7.4	7.9	185	489	1.6	7.2	BDL	0.85	11000	160000	11000	160000	40	110
1820	SIKRAHNA AT CHANPATIYA, EAST CHAMPARAN	BIHAR	14	31	3.6	8.2	7.2	8.1	224	488	1.2	7.2	BDL	BDL	4900	160000	11000	160000	2	45
3134	SIKRAHNA RIVER AT LAUREA, HARINAGAR ROAD BRIDGE	BIHAR	13	30	5.3	9	7.5	8.1	224	432	1.4	2.1	BDL	BDL	2700	160000	14000	160000	20	45
4291	RIVER SIKRAHNA LAURIA-NARKATIAGANJ ROAD BRIDGE, WEST CHAMPARAN	BIHAR	16	31	1.1	8.5	6.9	8.1	237	625	1.4	10	BDL	0.47	7900	160000	22000	160000	45	170
2570	BURHI GANDAK AT Z ROAD BRIDGE, SAMASTIPUR	BIHAR	15	29	5.4	9.1	7.1	8.1	172	515	1.6	2.3	BDL	0.47	4900	160000	14000	160000	140	170
3124	BURHI GANDAK RIVER U/S ROAD BRIDGE MUZAFFARPUR (NH)	BIHAR	19	32	5.4	9.9	6.7	8.3	199	437	BDL	3.5	BDL	0.5	780	35000	2100	160000	45	790
2562	BURHI GANDAK AT AKHARAGHAT, MUZAFFARPUR	BIHAR	18	32	5.2	9.5	6.8	8.1	192	445	1.3	2.6	BDL	0.51	1100	160000	7000	160000	20	5400
4403	BURHI GANDAK AT BARACHAKIA, EAST CHAMPARAN	BIHAR	16	40	3.5	8.5	7.4	7.9	180	613	1.2	2.9	BDL	BDL	1100	160000	2600	160000	18	68
4300	LAL BAGLA GHAT, MOTIHARI DHAKA ROAD, EAST CHAMPARA	BIHAR	14	30	4.4	9	7.1	7.9	170	469	1.5	3.7	BDL	0.87	1700	35000	11000	54000	20	170
4295	KHAGARIA ROAD BRIDGE, KHAGARIA	BIHAR	18	36	5.5	9	7	8.3	252	488	1.5	2.4	BDL	0.36	1700	160000	3300	160000	45	130
3126	U/S HARBORA RIVER, WEST CHAMPARAN	BIHAR	16	29	6.3	8.9	7.5	8	280	473	1.1	2	BDL	0.31	1700	160000	7000	160000	20	330
2567	KAMALA RIVER AT BENIPATTI (MADHUBANI)	BIHAR	17	28	5.2	9.5	7.4	8.1	203	436	1.4	2	BDL	0.43	2300	160000	3300	160000	78	110
2569	KAMALA RIVER AT DARBHANGA	BIHAR	10	29	0.4	6.8	7	7.9	131	664	1.5	4	BDL	1.13	1100	160000	2200	160000	40	1300
2558	HARBORA RIVER AT NARKATIAGANJ, WEST CHAMPARAN	BIHAR	16	29	3.5	7.7	7.3	8.1	287	499	1.5	3.2	BDL	0.43	2200	160000	11000	160000	2	140
3133	KAMALA RIVER AT JAYNAGAR	BIHAR	12	28	5.6	9.7	7.2	8.3	160	373	1.4	2.4	BDL	0.42	1100	160000	1400	160000	18	110
4299	JEEWACH GHAT, DARBHANGA	BIHAR	11	29	4.2	8.1	7.1	7.9	158	619	1.6	2.7	BDL	0.95	2300	160000	3200	160000	20	490
2565	KOSHI RIVER AT KURSHELA AT KATIHKAR	BIHAR	14	28	6.2	9.2	7	8.3	154	302	1.7	2.9	BDL	BDL	2200	160000	3300	160000	45	1700
2566	KOSHI RIVER AT MADHEPURA	BIHAR	12	27	5.5	8.1	7.2	8.2	185	268	1.4	2.8	BDL	BDL	930	160000	1400	160000	45	5400
3137	KOSHI RIVER AT BEERPUR, SUPAUL	BIHAR	18	27	7	9.6	7.4	8.4	214	299	1.2	2.2	BDL	1.4	920	160000	1400	160000	170	220
1821	DAHA AT SIWAN	BIHAR	17	31	3	6	7.3	8.1	230	619	1.9	3.4	BDL	1.22	4900	160000	7000	160000	45	2300
4397	DAHA RIVER D/S RAJENDRA ROAD BRIDE SIWAN	BIHAR	17	31	3.6	5.8	7.2	8.3	254	716	1.8	3.8	BDL	0.96	9400	160000	9400	160000	18	140

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN/ 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
2560	D/S DAHA RIVER AT SASAMUSA, GOPALGANJ	BIHAR	16	31	2.2	6.9	7	8.2	231	570	2	6.8	BDL	1.14	7000	160000	17000	160000	130	230
2561	DAHA RIVER AT ITWA BRIDGE, GOPALGANJ	BIHAR	16	30	1.7	8.6	7.3	8.5	292	528	1.4	3.5	BDL	0.57	2200	160000	7900	160000	45	130
3129	DAHA RIVER AT MEERGANJ	BIHAR	17	30	4.3	9	7.3	8.3	242	521	1.6	3	BDL	0.4	2700	160000	14000	160000	45	700
4292	U/S SASAMUSA, GOPALGANJ	BIHAR	16	31	4.4	7.5	7.5	8.3	283	555	1.8	3.9	BDL	BDL	2200	160000	11000	160000	78	220
1823	RIVER DHOUS AT MADHUVAPUR, MADHUBANI	BIHAR	20	30	4.7	8.7	7	7.9	121	296	1.4	2.1	BDL	0.4	1100	35000	17000	54000	68	110
4405	RIVER DHONS AT MADHUVAPUR, MADHUBANI	BIHAR	19	29	4.8	8.5	7.2	7.9	130	354	1.1	2	BDL	0.33	1100	160000	14000	160000	78	78
2559	RAMREKHA RIVER AT HARINAGAR, WEST CHAMPARAN	BIHAR	13	28	1.8	5.4	6.2	7.3	395	658	1.9	7	BDL	0.45	28000	160000	43000	160000	68	270
3130	RAMREKHA RIVER AT U/S HARINAGAR, WEST CHAMPARAN	BIHAR	12	28	1.2	5.5	6.9	7.3	318	407	1.9	5	BDL	0.55	17000	160000	43000	160000	20	220
1822	SIRSIYA AT RAXAUL, EAST CHAMPARAN	BIHAR	17	31	0.9	2.7	6.9	7.8	321	789	3.2	7	BDL	0.62	14000	160000	35000	160000	68	1300
3136	SIRSIYA RIVER D/S RAXAUL (KOERIA TOLA), EAST CHAMPARAN	BIHAR	17	31	0.3	2.1	6.8	7.9	326	776	3.3	6	BDL	0.38	21000	160000	35000	160000	93	170
3132	BAGMATI RIVER AT MUZAFFARPUR- SITAMARHI ROAD BRIDG	BIHAR	15	34	6	9.5	7.5	8.3	185	502	1.4	3.6	BDL	1.2	4000	160000	13000	160000	78	170
3135	BAGMATI RIVER AT DARBANGA, SAMASTIPUR ROAD BRIDGE,	BIHAR	15	31	5.5	9.8	7.2	8.3	179	440	1.5	2.2	BDL	0.95	1700	35000	3300	160000	40	93
3131	U/S MANUSMAR RIVER (RIGA), SITAMARHI	BIHAR	13	32	5.2	8.5	7.5	8.2	184	452	1.1	2.7	BDL	0.37	2100	160000	6300	160000	270	790
2563	MANUSMAR RIVER AT RIGA, SITAMARHI	BIHAR	13	32	4.3	8	7.6	8.1	194	464	1.5	3.3	BDL	0.47	2200	160000	14000	160000	490	790
4402	MANUSMAR AT PARSHURAMPUR, RIGA - BELSUND ROAD, SITAMARHI	BIHAR	12	32	5	8.5	7.6	8	206	514	1.5	2.7	BDL	0.34	780	160000	1700	160000	78	170
3119	POONPUN RIVER NEAR POONPUN RAIL BRIDGE,	BIHAR	15	30	5.8	9.1	6.2	8.4	217	431	1.2	2.8	BDL	0.5	1400	160000	7900	160000	40	2200
3120	POONPUN RIVER NEAR KINZER ROAD BRIDGE, JEHANABAD	BIHAR	15	32	5.3	9.4	6.9	8.5	226	472	1	3	BDL	0.51	1200	160000	2100	160000	18	400
4293	U/S KOHRA, RAJ GHAT, MANJHAULIA, WEST CHAMPARAN	BIHAR	14	29	4.3	7.2	7.4	8.3	283	552	1.7	2.9	BDL	BDL	2100	54000	4900	160000	78	270
4294	D/S KOHRA, RAJ GHAT, MANJHAULIA, WEST CHAMPARAN	BIHAR	15	31	4.1	6.9	7.3	7.7	288	688	1.7	4.2	BDL	BDL	2600	160000	22000	160000	78	110
4399	HARHA RIVER AT BAGHA, LAURIYA ROAD BRIDGE	BIHAR	16	28	6.6	9.8	7.4	8	203	352	1.3	2.3	BDL	0.74	780	160000	1700	160000	45	170
4400	RIVER LAKHANDEI SITAMARHI U/S	BIHAR	17	32	5.5	8.5	7.5	8.3	169	668	1.9	3.8	BDL	0.54	2100	160000	3900	160000	790	2200
4401	RIVER LAKHANDEI SITAMARHI D/S	BIHAR	16	28	1.1	7.5	7.3	7.6	209	771	2.5	4	BDL	0.57	4000	160000	28000	160000	170	400
4404	GANGI AT ARA, D/S	BIHAR	21	35	1	6.6	7	7.8	225	654	1.6	6	BDL	1.69	14000	160000	28000	160000	110	340

Table - 4.4: Water Quality Of Tributaries – Bichia, Sankh, Sone, Gohad, Kariyari, Newaj, Chamla, Choupan, Gour and Jamuni (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	19.3	32.5	5.5	7	7.1	8.1	280	908	2	4	BDL	0.77	8	82	84	430	-	-
1433	SANKH AT TIGRA RESERVOIR, M.P.	MADHYA PRADESH	18	28	7	8	7.2	7.5	114	220	BDL	1.8	BDL	0.8	2	2	24	27	2	2
1610	SONE AT ORIGINE AMARKANTAK, M.P	MADHYA PRADESH	18	29	6.7	7.2	6.2	7.7	158	795	BDL	7	BDL	0.32	2	2	2	18	2	2
1142	SONE AT CHACHAI, M.P.	MADHYA PRADESH	21.4	30	1.6	7.9	7.3	8	158	387	BDL	1.6	BDL	22	2	18	2	48	2	2
1371	SONE AT AMLAI, M.P.	MADHYA PRADESH	21.5	32	7	8.1	7.51	8.1	187	375	BDL	1.5	BDL	0.56	2	18	2	43	2	2
1612	SONE AT DEVLOAD OUT LET OF BANSAGAR DAM,	MADHYA PRADESH	22	30.2	7	8	7.4	8.1	198	467	BDL	7.9	BDL	0.62	2	18	27	47	2	2
3327	SONE AT AMLAI, 100 METRE D/S AFTER MIXING OF ATPS EFFLUENT, REWA	MADHYA PRADESH	22	30	7	7.8	7.51	8	231	457	BDL	1.7	BDL	0.65	2	18	37	52	2	2
3846	SONE AT JARWAHI NEAR ROAD BRIDGE, SHAHDOL	MADHYA PRADESH	22	30.2	7	8	7.2	8.1	193	486	BDL	1.5	BDL	0.46	2	18	27	48	2	2
30082	SONE DEORA U/S RIHAND (M. P.)	INTER-STATE	19	30	6.2	7.4	7.4	8.1	159	194	2.7	3.5	BDL	0.74	2000	2600	4500	6300	-	-
3851	SONE NEAR BHANVARSEN ROAD BRIDGE AFTER CONFLUENCE	MADHYA PRADESH	19.7	30.5	1.8	8.9	7.5	7.9	296	519	BDL	2	BDL	0.43	2	2	31	380	-	-
1607	GOHAD DAM, GOHAD, M.P	MADHYA PRADESH	20	24	5	7.8	7.2	8.1	360	1220	1.9	3	0.32	1	2	45	34	170	2	4
3313	KARIYARI U/S BEFORE MIXING WITH WASTE WATER OF M/S	MADHYA PRADESH	19	30.5	6.5	7.9	7.6	8.6	310	986	BDL	2	BDL	0.57	2	2	33	49	-	-
3314	KARIYARI 100 MTR. D/S AFTER MIXING WITH WASTE WATE	MADHYA PRADESH	19	30.5	6.5	8.4	7.7	8.4	316	995	1	2	BDL	0.84	2	18	34	58	-	-
3319	NEWAJ AT W/S INTAKE POINT, SHUJALPUR, UJJAIN	MADHYA PRADESH	21	29	6.4	7.8	7.4	8.6	402	604	1.6	2.2	BDL	1.81	2	83	30	70	-	-
3320	NEWAJ AT U/S NEAR W/S INTAKE POINT, RAJGARH, GUNA	MADHYA PRADESH	20	26	6.8	7.9	7	7.9	206	415	1	1.9	BDL	0.78	2	4	17	40	-	-
3310	CHAMLA AT W/S INTAKE POINT BADNAGAR, UJJAIN	MADHYA PRADESH	24	29	7.1	7.7	7.8	8.1	298	770	1.8	2	0.48	1.10	2	6	46	49	-	-
3306	CHOUPLAN AT VIJAYPUR U/S NFL NALLA, GUNA	MADHYA PRADESH	12	26	6.8	8	7.1	8.4	280	503	1.1	1.8	BDL	0.68	2	2	24	34	-	-
3307	CHOUPLAN AT VIJAYPUR 100 METRE D/S OF NFL NALLA, GUNA	MADHYA PRADESH	12	27	6.7	7.3	7.3	8.5	318	536	1.3	2.2	BDL	0.88	2	4	26	40	-	-
2100	GOUR RIVER BHOGA DOOR, JABALPUR	MADHYA PRADESH	17	26	7	7.8	7.2	8.7	130	410	BDL	1.6	BDL	0.8	2	2	12	47	-	-
3311	JAMUNI AT BARIYAGHAT U/S NEAR INTAKE POINT, TIKAMGARH	MADHYA PRADESH	23	31	6.6	7.2	7.1	7.9	262	393	BDL	1.3	BDL	BDL	2	2	5	24	2	2

Table - 4.5: Water Quality of Tributaries - Jumar, Ajay, Konar, Garga, Nalkari, Bokaro, Sankh, Damodar, Churni, Jalangi, Rupnarayan, Dwarka and Dwarakeshwar (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	8	28	5.4	7	6.5	7.5	-	-	2.1	3.2	-	-	140	150	280	930	-	-	
2396	JUMAR AT KANKE DAM	JHARKHAND	9	23	6.7	8.5	6.8	7.7	-	-	2	3.5	-	-	140	150	140	930	-	-	
2401	AJAY RIVER AT MASANJORE DAM	JHARKHAND	15	35	8	8.6	7.1	8	304	314	1.4	2.8	-	-	-	-	-	-	-	-	-
3554	KONAR RIVER NEAR SWANG COAL WASHERY, BOKARO	JHARKHAND	20	35	7.4	7.6	7.4	7.6	-	-	1.2	2.3	-	-	-	-	-	-	-	-	-
2388	KONAR AT TILAYA DAM	JHARKHAND	19	33	7.4	8.4	7.3	7.6	-	-	1.2	1.9	-	-	-	-	-	-	-	-	-
2389	KONAR AT KONAR DAM	JHARKHAND	19.5	32.5	7.4	8.6	7.2	7.6	-	-	1.1	2	-	-	-	-	-	-	-	-	-
2390	KONAR AT TENUGHAT DAM	JHARKHAND	17	34	7.4	7.8	7.6	7.7	-	-	BDL	1.4	-	-	-	-	-	-	-	-	-
4000	GARGA RIVER NEAR TELMUCHO BRIDGE	JHARKHAND	16	30	5.9	6.9	6.5	6.9	-	-	1.8	4.6	-	-	-	-	-	-	-	-	-
2379	NALKARI TRIBUTARY AT PATRATU	JHARKHAND	19	33	3.9	8	6.7	7.6	-	-	1.2	2.9	-	-	-	-	-	-	-	-	-
2381	BOKARO AT ZARANGDIH BRIDGE	JHARKHAND	19.5	36.5	7.2	7.5	7.3	7.5	-	-	1.9	2.8	-	-	-	-	-	-	-	-	-
1034	SANKH AT BOLBA, JHARKAND	JHARKHAND	17	18	7.8	8.6	7.2	7.3	-	-	1.9	2.2	-	-	140	150	750	930	-	-	
2378	DAMODAR D/S BHAIKABI AT RAJRAPPY	JHARKHAND	17	33	7.6	8.6	7.3	7.8	-	-	1	1.8	-	-	-	-	-	-	-	-	-
3555	DAMODAR RIVER NEAR ZARANGDIH BRIDGE, BOKARO	JHARKHAND	19	36	7.5	7.9	7.6	7.8	-	-	1	2	-	-	-	-	-	-	-	-	-
4083	DAMODAR RIVER NEAR ROHINI PROJECT, NK AREA, PO-DAKRA, RANCHI	JHARKHAND	10	28	8.2	8.5	7.3	7.4	-	-	2.5	2.8	-	-	140	150	750	930	-	-	
3553	DAMODAR RIVER NEAR TELMUCHO BRIDGE	JHARKHAND	17.5	29	7.4	7.7	7.4	7.6	-	-	1	2	-	-	-	-	-	-	-	-	-
3556	CONFLUENCE OF BOKARO & DAMODAR RIVER NEAR ZARANGDI	JHARKHAND	19	36	7.4	7.8	7.5	7.6	-	-	1.3	2.1	-	-	-	-	-	-	-	-	-
3557	DAMODAR RIVER NEAR BERMO RAILWAY STATION, BOKARO	JHARKHAND	18	36	7.4	7.7	7.5	7.8	-	-	1.1	1.9	-	-	-	-	-	-	-	-	-
2382	DAMODAR AT PHUSRO ROAD BRIDGE	JHARKHAND	17.5	35	7.3	7.7	7.5	7.6	-	-	1.3	2.4	-	-	-	-	-	-	-	-	-
2380	DAMODAR AT RAMGARH ROAD BRIDGE	JHARKHAND	19	32	7.2	8.3	7.3	7.7	-	-	1.1	2.9	-	-	-	-	-	-	-	-	-
2383	DAMODAR U/S JAMADABA WATER WORKS	JHARKHAND	19	31	7.5	7.8	7.2	7.6	-	-	BDL	1.5	-	-	-	-	-	-	-	-	-
2384	DAMODAR AT DOMGARH WATER WORKS D/S SINDRI	JHARKHAND	18	33	7.5	7.7	7.3	7.6	-	-	BDL	2.2	-	-	-	-	-	-	-	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
2391	DAMODAR AT PANCHET DAM	JHARKHAND	16	36	7.5	7.7	7.4	7.8			BDL	1.4								
1331	DAMODAR AT DISHERGARH VILL.(NR.BIHAR-WEST BENGAL BORDER) , BURDWAN	WEST BENGAL	22	30	7.7	8.9	7.19	8.11	134	293	1.75	2.55	BDL	0.65	1400	4800	3100	8400	11	12
1332	DAMODAR AT D/S OF IISCO AFTER 3RD OUTFALL AT DHENNA VILLAGE, BURDWAN,WEST BENGAL	WEST BENGAL	21	31	7.7	8.8	7.24	8.09	143	327	1.4	2.45	BDL	0.33	2200	3900	3800	6300	12	14
1333	DAMODAR AT NARAINPUR AFTER CONFL. OF NUNIA NALLAH, BURDWAN,WEST BENGAL	WEST BENGAL	21	32	7.5	9	7.28	8.29	194	367	1.9	2.7	BDL	0.47	1000	3200	1700	5800	12	14
1334	DAMODAR NEAR MUJHER MANA VILLAGE AFTER CONF. OF TAMLA NALLAH, BURDWAN	WEST BENGAL	18	31.5	6.9	7.9	7.06	8.14	240	516	2.6	3.9	BDL	0.40	3900	7900	6300	12000	33	46
10107	RIVER DAMODAR AT ANDAL U/S, BURDWAN	WEST BENGAL	20	32	7.3	8.8	7.26	8.15	190	338	1.6	2.9	BDL	1	1100	3300	1700	4700	12	14
10108	RIVER DAMODAR AT ANDAL D/S, BURDWAN	WEST BENGAL	20	31	7.2	8.4	7.38	8.22	186	306	1.6	2.35	BDL	0.7	1200	2700	1700	4700	25	33
10109	RIVER DAMODAR AT ASANSOL U/S, BURDWAN	WEST BENGAL	22	30	8	9	7.55	8.24	140	288	1.5	2.55	BDL	0.3	1700	3400	2600	4700	11	13
10110	RIVER DAMODAR AT DURGAPUR U/S, BURDWAN	WEST BENGAL	21	31	7.3	8.5	7.37	8.45	194	322	1.5	2.5	BDL	0.4	1300	3100	2000	6300	21	22
10111	RIVER DAMODAR AT RANIGANJ D/S, BURDWAN	WEST BENGAL	21.5	32	7.5	8.7	7.21	8.14	273	373	1.5	2.75	BDL	0.3	1700	4300	3100	7000	33	38
2527	WATER INTAKE POINT FOR BURDWAN TOWN,	WEST BENGAL	21.5	33.5	8	8.5	7.4	8.6	191	372	1.8	2.85	BDL	0.4	1700	3300	2400	4600	11	13
1764	CHURNI D/S OF RANAGHAT TOWN,	WEST BENGAL	19	32	1	6.5	7.64	8.17	279	718	2	9.45	BDL	0.62	1700	800000	14000	13000000	490	1700
2518	CHURNI, MAJHADIA, NADIA	WEST BENGAL	19	33	0.4	4	7.58	8.15	235	689	1.1	7.13	0.39	0.63	450	160000	780	300000	14	49
2541	WATER INTAKE POINT FOR BANKURA TOWN ON RIVER DWARAKESHWAR, BANKURA	WEST BENGAL	18.5	35	7.9	8.6	7.48	8.19	174	368	1.8	3.3	BDL	0.50	1100	3100	1400	4300	20	24
2531	U/S OF TARAPITH ON RIVER DWARKA AT SADHAK BAMDEB GHAT, BIRBHUM	WEST BENGAL	20	32.5	6.9	7.9	7.46	8.16	111	246	2.8	3.85	BDL	0.4	3300	24000	5800	35000	63	94
2532	D/S OF TARAPITH ON RIVER DWARKA, SATIGHAT	WEST BENGAL	19	32	6.7	7.5	7.06	7.94	116	267	3.1	4.2	BDL	0.4	3900	54000	12000	92000	94	120
2514	JALANGI, D/S OF KRISHNA NAGAR, NADIA	WEST BENGAL	19	33	2.2	10.9	7.66	8.27	253	635	1.35	6.35	BDL	0.61	200	14000	800	17000	430	1700
1337	RUPNARAYAN BEFORE CONFL. TO RIVER GANGA NEAR GEONKHALLI,MEDINIPORE, WEST BENGAL	WEST BENGAL	20	32	6	8.7	6.71	8.29	266	3045	BDL	2.8	1.06	6.05	2200	8400	7900	17000	-	-
2509	D/S OF RUPNARAYAN AT KOLAGHAT, NEAR KOLAGHAT RAIL BRIDGE NO.3, MEDINIPORE	WEST BENGAL	21	31	5.1	9.2	7.02	8.05	201	2533	BDL	3.3	0.88	3.2	4100	9400	11000	130000	-	-
2531	U/S OF TARAPITH ON RIVER DWARKA AT SADHAK BAMDEB GHAT, BIRBHUM	WEST BENGAL	24	32.5	6.9	7.6	7.46	8.16	111	246	2.85	3.85	0.08	0.204	3300	24000	5800	35000	-	-
2532	D/S OF TARAPITH ON RIVER DWARKA, SATIGHAT	WEST BENGAL	24	32	6.7	7.5	7.21	7.94	116	267	3.15	4.2	0.08	0.211	3900	54000	12000	92000	-	-
2541	WATER INTAKE POINT FOR BANKURA TOWN ON RIVER DWARAKESHWAR, BANKURA	WEST BENGAL	18.5	35	8	8.6	7.54	8.19	174	368	2.7	3.3	0.098	0.497	1700	3100	2400	4300	-	-

Table - 5- : Water Quality Of River Brahamputra (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986				> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL								
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1030	BRAHAMPUTRA AT DIBRUGARH, ASSAM	ASSAM	20	25	6.8	9.9	7	8.1	134	203	1.3	2.1	0.5	1.6	300	910	720	2100	-	-
1262	BRAHAMPUTRA AT NIMATIGHAT, ASSAM	ASSAM	16	27	6.1	8	7.3	7.8	146	172	1	2.8	0.3	1.4	2	360	300	910	-	-
1526	BRAHMAPUTRA RIVER AT DHENUKHAPAHAR,	ASSAM	19	30	6.6	8	7.2	7.9	127	150	1.1	2.2	0.4	1.4	300	1500	910	3500	-	-
1031	BRAHAMPUTRA AT PANDU, ASSAM	ASSAM	17	30	6.6	10.3	7	8.1	108	156	1.6	1.8	0.6	1.2	300	1400	720	2800	-	-
1299	BRAHAMPUTRA AT JOGIJHOGA NEAR BRIDGE,	ASSAM	20	30	5.1	7.7	7	8	153	174	1.2	2	0.7	1.4	300	1500	360	2800	-	-
2069	BRAHMAPUTRA RIVER NEAR WATER INTAKE POINT AT KACHAR	ASSAM	20	33	6.1	10.4	7.3	8	97	186	1.3	2.6	0.5	1.6	360	1100	1100	2700	-	-
2064	BRAHMAPUTRA RIVER AT CHANDRAPUR, GUWAHATI, ASSAM	ASSAM	20	33	5.2	10.2	7	7.8	108	188	1.2	2.8	0.6	1.4	300	910	720	2100	-	-
2067	BRAHMAPUTRA RIVER AT SUALKUCHI, DIST. KAMRUP, ASSAM	ASSAM	18	30	6.8	10.8	7	8.2	115	189	1.5	2.8	0.7	2	300	730	1100	2100	-	-
2066	BRAHMAPUTRA RIVER AT DHUBRI, ASSAM	ASSAM	22	35	5.2	7.3	6.8	7.7	156	211	1.6	2.4	0.6	1.2	360	1100	730	2800	-	-
3781	BRAHMAPUTRA RIVER AT BOGIBEEL BRIDGE, BOGIBEEL, DIGBOI	ASSAM	19	26	5.6	8.7	7.2	7.8	117	157	1.6	2.6	0.4	1.4	300	730	700	1500	-	-
4004	BRAHMAPUTRA RIVER AT BISWANATH GHAT	ASSAM	17	30	7.2	7.8	7.2	8	146	208	1.4	2.3	0.6	1.4	300	1100	1100	2800	-	-

Table - 5.1: Water Quality Of Tributaries - Burhidihing, Dhansiri, Dikrong, Gainadi, Digaru, Digboi, Dikhow, Diplai Beel, Disang, Gabharu, Tocklai, Tunia, Larsing, Dhanteshwari, Demow, Borsila, Barnadi, Baralia, Buradia, Thiu, Singra, Damring, Manda, Dikchu, Dzu, Chathe, Dzucha Ru, Dzudza, Dzuna Ru, and Torsa (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986				> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL								
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1422	BURHIDIHING AT MARGHERITA, ASSAM	ASSAM	21	25	5.6	9.5	7	7.8	114	228	1.2	2.1	0.6	1.2	300	910	360	2000	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)	Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986				> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL							
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
2062	BURHIDIHING NEAR DULIAJAN AT D/S, TINSUKIA,	ASSAM	20	28	6.2	9	7	8.1	151	186	1	2.2	0.3	1.8	300	910	720	2100	
2230	BURHIDIHING RIVER AT DULIAJAN (INTAKE POINT OF OIL	ASSAM	20	26	5.9	7.7	7.4	8.1	160	196	1.1	2.4	BDL	1.4	300	910	360	1500	
1796	DHANSIRI AT FULL NAGARJAN	NAGALAND	17.9	31	0.4	8.8	7.2	8.2	97	229	1.4	2.4	BDL	2.4	-	-	-	-	
1797	DHANSIRI AT BRIDGE NEAR PURANA BAZAAR, NAGALAND	NAGALAND	18	31	5	9.2	7	8.2	74	300	1.8	2.6	BDL	1.8	-	-	-	-	
1800	DHANSIRI AT NUTON BASTI	NAGALAND	16.6	29.8	1.4	4.8	6.7	7.9	102	302	1.9	6.2	BDL	2.2	-	-	-	-	
1798	DHANSIRI AT NEAR CHECK GATE (DIMAPUR KHUTKHUTI ROA	NAGALAND	17.8	32	4.8	6.8	7.1	7.8	100	254	1.8	2.9	BDL	1.4	-	-	-	-	
1259	DHANSIRI AT GOLAGHAT, ASSAM	ASSAM	20	32	5.8	10	7	7.7	103	130	1.7	2.1	0.3	1.3	300	1100	720	2100	
1799	DHANSIRI AT TOWN BOUNDARY BRIDGE (DIPHU ROAD)	NAGALAND	15.1	30.2	4.4	6.2	7	8.4	59	198	1.1	2.1	BDL	1.7	-	-	-	-	
1928	DHANSIRI AT NAGALAND-ASSAM BORDER, DIMAPUR	NAGALAND	18.7	31.2	4.5	7.7	6.7	8.1	99	251	2	3.5	BDL	1.9	-	-	-	-	
3764	DHANSIRI RIVER NEAR BRIDGE AT NH-15, DHANSIRI BHALUKMARI JUNGLE, UDALGIRI	ASSAM	19	28	6.2	7.3	7.2	7.7	95	128	1.2	2.1	0.3	1.7	300	730	720	1500	
3792	DHANSIRI RIVER AT JAHAI GHAT	ASSAM	20	32	6.6	10.3	7.2	7.7	133	162	1.6	2.2	0.4	1	300	730	720	2000	
3759	DIKRONG RIVER NEAR BRIDGE AT NH-52, BANDARDEWA	ASSAM	19	36	5.4	7.1	6.9	8	113	138	1.3	2	0.7	1.2	300	730	720	2000	
3786	GAI NADI/ RIVER AT SOMARAJAN, DHEMAJI	ASSAM	19	25	5.2	8	7	7.8	165	196	1.2	2.1	0.6	1.4	300	730	700	2000	
3807	DIGARU RIVER AT NH CROSSING	ASSAM	19	30	6.5	9.8	7	7.7	47	96	1.4	2.2	0.6	1.1	300	1500	1100	3500	
1530	DIGBOI RIVER AT LAKHIPATHE, RESERVE FOREST, DIGBOI	ASSAM	21	26	1.4	6.8	7	7.8	271	300	2.2	2.8	1	2.1	610	1100	1100	2800	
2231	DIKHOW RIVER AT DIKHOW BRIDGE SIVASAGAR,	ASSAM	18	31	5.4	7.8	7.3	8	156	234	BDL	2.1	0.3	1.3	2	360	300	930	-
3776	DIKHOW RIVER AT NAGINI MORA (INTER-STATE BOUNDARIE	ASSAM	17	29	6.2	7.8	7.1	7.8	126	245	1.2	1.9	0.3	1.4	2	360	2	930	-
3778	DIKHOW RIVER AT DIKHOMUKH CONFLUENCE WITH BRAHAMPU	ASSAM	20	28	5.7	8.8	7	8.1	158	180	1.3	2.1	0.3	1.2	300	910	720	2100	-
3821	DIPLAI BEEL AT SILGARA, KOKRAJHAR	ASSAM	21	34	4.1	5.1	7.1	7.5	43	57	1.2	2.4	0.6	0.9	300	730	360	1400	-
1298	DISANG AT GUNDAMGHAT, ASSAM	ASSAM	16	28	5.1	7.9	6.8	7.7	172	210	BDL	2.1	0.6	2.1	2	300	2	730	-
2058	DISANG RIVER AT DILLIGHAT, DIBRUGARH DIST.,	ASSAM	19	26	5.2	9.2	7	8.1	131	152	1.1	2.2	0.7	1.6	300	1100	720	2700	-
4005	DISANG RIVER AT NH CROSSING	ASSAM	18	29	5.4	7.7	7.2	7.8	90	206	BDL	1.9	0.7	1.9	2	360	300	730	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)	Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5			< 3.0 mg/ L			< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
3763	GABHARU RIVER NEAR BRIDGE AT NH-52, NEAR TUMIUKI,	ASSAM	18	30	5	6.8	6.6	7.5	74	96	1.3	2.1	0.4	1.2	300	730	720	2100
4011	TOCKLAI RIVER NEAR BRIDGE AT JORHAT	ASSAM	18	30	5.4	7.1	6.9	8	98	176	2	2.6	0.7	1.6	360	930	730	1900
4012	TUNIA RIVER AT D/S BRPL	ASSAM	24	32	5.1	5.7	7.2	7.7	97	124	1.2	2.4	0.5	1.1	300	1100	720	2800
4329	LARSING RIVER NEAR LOCL DEPO AT MOINARBOND	ASSAM	20	24	5.2	6.1	7	7.3	92	112	1.6	2.3	0.5	1	300	730	610	2000
4331	DOWNSTREAM OF DHATESHWARI RIVER AT HAILAKANDI	ASSAM	22	25	5.1	5.6	6.8	7.6	126	157	1.9	2.3	0.6	1.2	300	910	1100	2100
4332	DEMOW RIVER DEMOW TOWN	ASSAM	18	29	5.2	7.5	6.9	7.6	116	200	BDL	2.3	0.4	1.3	2	720	2	1100
4336	BORSILA RIVER AT BORSILA, DEOPANI, NAMTI	ASSAM	15	30	5.3	8.2	6.9	7.5	54	90	BDL	2.2	0.5	1.2	2	300	2	910
4341	BARNADI RIVER NEAR BRIDGE, NH-52, DUMUNICHOWKI KAM	ASSAM	18	35	5.7	10.1	7	8.2	81	144	1.3	2	0.6	1.2	300	730	600	2100
4342	BARALIA RIVER (NEAR CHATPUJA GHAT) RANGIA, KAMRUP	ASSAM	19	34	6.1	10.2	7	8.2	90	176	1.2	2.2	0.5	1	300	1100	730	2800
4343	BURADIA RIVER (NEAR BRIDGE ALONG NH-31) NALBARI	ASSAM	18	34	5.3	10.1	7	8.1	131	160	1.3	1.9	0.5	1.8	300	730	720	2700
4344	TIHU RIVER (NEAR BRIDGE ALONG NH-31) TIHU, NALBARI	ASSAM	18	32	5.9	11.6	7.2	8.2	138	177	1.2	1.8	0.5	1.4	300	910	1100	2700
4345	SINGRA RIVER (NEAR BRIDGE ALONG NH-37) BOKO, KAMRUP (R)	ASSAM	20	35	6.5	10.6	7	7.8	48	70	1.5	1.8	0.4	1.1	300	730	720	2000
3380	DAMRING RIVER (KRISHNEI RIVER) AT RESUBELPARA	MEGHALAYA	17	31.5	7	7.8	7.1	7.4	28	78	1.3	2	0.37	0.52	22	79	170	420
3381	MANDA RIVER (DUDHAI RIVER) AT JAMPA,	MEGHALAYA	17	30.4	7	7.9	6.7	7.3	50	80	1.2	1.9	0.33	0.47	14	49	140	320
3382	MANDA RIVER (DUDHAI RIVER) AT WAGAISI	MEGHALAYA	17	31.5	7	8.3	7.1	7.7	58	88	1	1.8	0.32	0.78	12	58	110	320
1802	DIKCHU B/c WITH TEESTA NEAR NHPC HYDROELECTRIC POW	SIKKIM	15	21	8.5	12	6.5	7.1	165	280	1	2.2	1.2	2.5	30	55	95	135
1930	DZU D/S KOHIMA TOWN	NAGALAND	14.4	28	5.1	6.8	7.6	8.5	142	586	1.8	2.9	BDL	2.4	-	-	-	-
1929	CHATHE AT MEDZIPHEMA, DIMAPUR	NAGALAND	14.5	30.8	5.4	7.4	7.2	8.3	80	185	1.4	2.7	BDL	1.8	-	-	-	-
2888	CHATHE RIVER NEAR CHRISTIAN INSTITUTE OF HEALTH SCIENCES AND RESEARCH (CIHSR), DIMAPUR	NAGALAND	17.1	28	5.4	7.6	7.1	8	28	181	1.2	2.9	BDL	1.2	-	-	-	-
2891	DZUCHA RU IN KOHIMA	NAGALAND	11.4	25.5	5.4	8	7.5	8.4	78	280	1	2.3	0.6	1.5	-	-	-	-
2889	DZUDZA RU IN KOHIMA	NAGALAND	10	26.1	5.4	8.8	7	8.4	57	142	BDL	1.8	BDL	2.7	-	-	-	-
2892	DZUNA RU IN KOHIMA, ADJOINING THE NEW KOHIMA MUNIC	NAGALAND	11.5	25.4	5.2	7.2	7.2	8.3	32	386	1.2	2.4	1	2.4	-	-	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (°C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
2893	DZUNA RU (CONFLUENCE OF DZUCHA & DZUNA RU) IN KOHI	NAGALAND	11.3	25.7	5.4	7	7	8.1	135	375	1.2	2.3	1.1	3.1	-	-	-	-	-	-
4719	RIVER TOSA D/S OF GHUGHUMARI	WEST BENGAL	14	29	6.8	7.4	6.8	7.8	72	166	1.2	2.6	BDL	1.37	1300	5000	5000	11000	21	33
4724	RIVER TOSA AT HASIMARA	WEST BENGAL	18	29	6.1	8.6	6.9	7.82	39	87	1.2	2.1	BDL	1.83	1300	5000	5000	22000	33	220

Table - 6:- Water Quality Of River Mahi And Its Tributaries - Anas, Malei, Shivna & Panam (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (°C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	RAJASTHAN	19	32	4.4	6.5	8.2	8.6	360	560	BDL	2.9	1.10	2.07	28	460	75	1100	93	93
1864	MAHI AT MUJPUR	GUJARAT	26	32	1.3	7.9	7.8	8.4	385	2860	BDL	2.3	BDL	0.59	4	30	63	210	-	-
1233	MAHI AT BADNAWAR, M.P.	MADHYA PRADESH	17	26	6.8	7.9	7.5	8.7	306	511	BDL	1.3	0.62	2.12	2	2	40	70	-	-
4	MAHI AT SEVALIA	GUJARAT	20	30	6.3	8.8	7.3	8.6	308	508	BDL	1	BDL	0.68	4	12	33	63	-	-
5	MAHI AT VASAD	GUJARAT	23	30	6.9	8.5	7.9	8.4	312	533	BDL	1	BDL	0.58	4	33	49	130	-	-
1229	MAHI NEAR RAJASTHAN BORDER AT KADANA DAM,	GUJARAT	26	31	7.1	8.8	7.7	8.3	277	483	BDL	BDL	BDL	0.63	2	4	11	34	-	-
1230	MAHI AFTER CONF. WITH ANAS AT PARDI (BANASWADA),	GUJARAT	26	31	7.1	8.7	7.8	8.4	360	476	BDL	BDL	BDL	0.57	2	12	11	70	-	-
1231	MAHI AT VIRPUR,	GUJARAT	26	30	7.6	8.6	7.9	8.3	264	480	BDL	BDL	BDL	0.60	2	12	21	64	-	-
1863	MAHI AT UMETA BRIDGE	GUJARAT	23	32	7.2	8.5	7.9	8.5	387	599	BDL	BDL	BDL	0.58	6	26	49	130	-	-
3206	MAHI AT SHERKHI BRIDGE	GUJARAT	22	32	2.3	8.6	8	8.8	320	1663	BDL	8.9	BDL	0.58	4	47	47	350	-	-
3318	MAHI AT RANISINGH VILLAGE, RATLAM, UJJAIN	MADHYA PRADESH	25	29	6.2	7.9	7.6	7.9	280	570	1.4	2.1	0.61	1.13	2	8	43	50	-	-
3848	ANAS RIVER NEAR ROAD BRIDGE JHABUA	MADHYA PRADESH	17	26	6.9	8	7.6	8.3	262	669	BDL	1.4	0.59	1.73	2	2	39	84	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1228	ANAS AT DAHOD, (KUSHALGARH), DIST. PANCHMAHAL	GUJARAT	26	31	6.7	8.2	7.9	8.4	318	754	BDL	BDL	BDL	0.75	4	40	31	210	-	-
2104	MALEI AT JAORA	MADHYA PRADESH	24	28	6.8	7.8	7.3	8.1	324	1040	1.8	2.8	0.49	1.25	2	12	46	90	-	-
2102	SHIVNA AT RAMGHAT, MANDSAUR	MADHYA PRADESH	24	26	6.5	7.7	7.3	7.8	218	750	1.8	2	0.52	0.96	2	7	48	58	-	-
1227	PANAM AT LUNAWADA,	GUJARAT	26	30	7.1	8.4	7.6	8.6	361	513	BDL	BDL	BDL	0.58	2	21	33	120	-	-

Table - 7: Water Quality of river Sabarmati and tributaries - Shedhi & Khari (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1221	SABARMATI AT KHEROJ BRIDGE,	GUJARAT	26	27.7	4.2	8.7	7.2	8.1	420	1248	BDL	1.9	BDL	1.76	4	70	21	280	-	-
1223	SABARMATI AFTER CONF. WITH MESHWA AT VAUTHA (NEAR	GUJARAT	27	30	0.3	6.5	7.1	8	510	2661	5	48	BDL	0.52	2	540	70	1700	-	-
1409	SABARMATI AT RAILWAY BRIDGE AHMEDABAD,	GUJARAT	25	29	6	8.2	7.4	8.5	220	340	BDL	2.5	BDL	0.68	17	220	150	540	-	-
1866	SABARMATI RIVER AT HANSOOL BRIDGE,	GUJARAT	25	29	6.2	8	7.3	8.1	223	403	BDL	2.6	BDL	1.02	6	63	47	280	-	-
1	SABARMATI AT DHAROI DAM	GUJARAT	23	29	5.3	8	7.4	8.3	340	512	BDL	0.8	BDL	BDL	2	4	4	27	-	-
2	SABARMATI AT AHMEDABAD AT V.N. BRIDGE	GUJARAT	25	30	0.3	7.5	7	8.4	247	3047	1.9	168	BDL	0.78	45	1600	280	2200	-	-
1407	SABARMATI AT GANDHI NAGAR CHILODA BRIDGE, LEKAWADA	GUJARAT	27	29	7	7.9	7.7	8.3	322	362	1.1	1.9	BDL	0.31	4	47	21	240	-	-
1408	SABARMATI AT VILL. MIROLI TALUKA DASCROI, AHMEDABA	GUJARAT	29	33	0.3	4.2	7.1	8.2	664	2630	9	76	BDL	0.61	170	1600	920	5400	-	-
1482	SABARMATI AT MAHUDI JAIN TEMPLE, 150 KM. FORM ORIG	GUJARAT	28	28	7	7.3	7.9	8.2	415	452	1	2	BDL	BDL	4	12	33	70	-	-
2075	DHAROI DAM, DIST. MEHSANA.	GUJARAT	24	29	5	8.1	7.6	8.3	334	643	0.5	1.1	BDL	BDL	2	4	2	27	-	-
1222	SHEDHI AT KHEDA,	GUJARAT	24	33	2.3	6.1	7.5	8.5	460	2530	1.3	8.7	BDL	1.12	17	1600	110	1600	-	-
1437	KHARI AT LALI VILLAGE NEAR AHMEDABAD,	GUJARAT	27	30	BDL	0.3	7.2	8	230	3422	42	189	BDL	1.463	540	4300	1600	21000	-	-

Table - 8: Water Quality of river Narmada (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
3321	NARMADA AT AMARKANTAKE FROM ORIGIN POINT, REWA	MADHYA PRADESH	18.5	29.5	7.5	8.4	7.5	8.01	218	387	BDL	1.7	BDL	0.49	2	18	26	43	2	2
1242	NARMADA NEAR SOURCE AT AMARKANTAK M.P.	MADHYA PRADESH	18	29.5	3.6	7.7	7	7.9	183	2216	BDL	0.4	BDL	0.42	2	18	2	44	2	2
1241	NARMADA AT MANDLA NEAR ROAD BDG. M.P.	MADHYA PRADESH	17.2	26	6.8	8.3	7.2	8.7	160	363	BDL	2.6	BDL	0.8	2	14	17	48	-	-
1240	NARMADA AT NARSINGHPUR M.P.	MADHYA PRADESH	17	23.5	7	8.6	7	8.3	170	357	BDL	1.9	BDL	1.16	2	11	12	49	-	-
2106	NARMADA AT NEMAWAR	MADHYA PRADESH	22	28	7	7.9	7.3	8.3	279	360	BDL	2	0.31	51	2	18	28	49	2	2
45	NARMADA AT MANDLESHWAR	MADHYA PRADESH	20	24	7.3	8.6	7.4	8.5	214	340	BDL	1.3	0.51	1.33	2	2	32	47	-	-
1239	NARMADA AT BADWANI, M.P.	MADHYA PRADESH	20	24.6	7.2	8	7.7	8.3	152	594	BDL	1.2	BDL	1.24	2	2	34	48	-	-
1431	NARMADA AT MAHESHWAR, M. P.	MADHYA PRADESH	19	24.3	7.3	8	7.4	8.1	258	338	BDL	1.3	0.61	1.11	2	2	38	49	-	-
2099	NARMADA LALPUR, JABALPUR	MADHYA PRADESH	17	25	7	8.7	7.4	8.6	130	378	BDL	1.9	BDL	0.87	2	4	9	39	-	-
1234	NARMADA AT HOSHANGABAD U S	MADHYA PRADESH	17	32	8.3	9.8	7.5	7.9	246	298	1.1	1.7	0.95	1.75	2	2	26	63	2	2
2112	NARMADA NEAR MORTAKKA BRIDGE, BADWAH	MADHYA PRADESH	19	24.2	7.2	8.3	7	8.3	270	489	BDL	1.2	BDL	3.65	2	2	34	49		
44	NARMADA AT SETHANIGHAT	MADHYA PRADESH	18	31	5.8	9.1	7.6	8.39	268	367	1	1.5	1.62	7.64	2	35000	38	160000	2	8
1235	NARMADA AT HOSHANGABAD D S	MADHYA PRADESH	18	30	5.6	8.7	7.4	8.2	278	365	1	1.5	2.12	8.12	2	57000	84	160000	2	9
2113	NARMADA NEAR PUNASA DAM, PUNASA	MADHYA PRADESH	19	24.3	7.1	8.2	7.3	8.4	242	2676	BDL	1.1	0.59	1.02	2	2	27	49	-	-
1430	NARMADA AT D S OF OMKARESHWAR M.P.	MADHYA PRADESH	19	24.4	7	8.1	7.4	8.2	224	292	BDL	1.2	0.58	1.11	2	2	31	49	-	-
3322	NARMADA AT MANDLA, NEAR SHAMSHANGHAT, JABALPUR	MADHYA PRADESH	13	26	7	7.8	7.3	8.6	160	366	BDL	2	BDL	0.85	2	6	14	48	-	-
3323	NARMADA AT LAPUR, NEAR WATER SUPPLY INTAKE POINT,	MADHYA PRADESH	17	25.2	7	8.6	7.2	8.7	138	411	BDL	1.8	BDL	1.1	2	59	20	48	-	-
3324	NARMADA AT PANCHWATIGHAT, BEFORE MIXING WITH BAWAN	MADHYA PRADESH	17.2	23.5	7	8.1	7.3	8.3	218	385	BDL	1.9	BDL	1.2	2	6	8	400	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
3325	NARMADA AT SARSWATIGHAT, AFTER MIXING WITH BAWANGA	MADHYA PRADESH	17.2	23.3	7	7.8	7.3	8.3	226	2600	BDL	1.9	BDL	1.34	2	6	10	49	-	-
2118	NARMADA RIVER AT D/S OF KAPILDHARA	MADHYA PRADESH	18.2	29.6	7.1	7.8	7.19	8	179	311	BDL	1.7	BDL	0.45	2	18	33	47	2	2
2123	NARMADA AT KORIGHAT HOSHANGABAD	MADHYA PRADESH	17	30	5.8	8.6	7.59	8.34	251	388	1	1.4	1.42	10.72	2	35000	63	92000	2	13
3847	NARMADA RIVER AT DHARAMPURI	MADHYA PRADESH	20	24.6	7.1	8	7.6	8.3	244	306	BDL	1.4	0.66	1.778	2	2	32	49	-	-
4582	NARMADA AT JAMTARA, NEAR RAILWAY BRIDGE	MADHYA PRADESH	17.3	25.9	7	8.4	7.4	8.3	150	3330	0.4	2	0.31	1.3	1.8	4	39	39	-	-
4583	NARMADA NEAR ROAD BRIDGE JHANSINGHAT JABALPUR	MADHYA PRADESH	17.4	23.6	7	8.2	7.2	8.1	160	390	0.7	1.8	0.46	2.44	1.8	6	40	40	-	-
4584	NARMADA N.H. 44 NEAR ROAD BRIDGE AT BARMAN. JABALP	MADHYA PRADESH	17.3	23.4	7	8.1	7.1	8.3	160	352	0.7	1.9	0.36	1.21	1.8	10	430	430	-	-
4586	NARMADA S.N. 44 NEAE ROAD BRIDGE NEAR JHILKOLI NARSINGPUR	MADHYA PRADESH	17.3	23.6	7	8	7.1	8.2	147	2800	0.8	1.8	0.53	2.42	1.8	1.8	0	0	4	4
4587	NARMADA AT NEAR ROAD BRIDGE, SANDIA	MADHYA PRADESH	18	25	8.6	8.9	8	8.1	208	288	1	1.1	1.02	1.55	2	2	41	58	2	2
4588	NARMADA AT U/S OF VILLAGE JAIT	MADHYA PRADESH	18	32	8.8	9.3	7.7	8	216	307	1	1.2	0.87	4.6	1.8	2	58	63	2	2
4589	NARMADA AT D/S OF VILL. JAIT	MADHYA PRADESH	17	32	8.5	9.2	7.8	8	258	327	1.2	1.5	1.37	3.03	1.8	2	70	84	2	2
4590	NARMADA U/S BEFOR CONFLU. RIVER TAWA NEAR BANDRABH	MADHYA PRADESH	18	31	8.7	9.9	7.9	8	237	295	1	1.4	1.29	2.08	1.8	2	49	70	2	2
4591	NARMADA D/S AFTER CONFLU. RIVER TAWA RAMNAGAR	MADHYA PRADESH	17	31	8.1	9.7	7.8	8	251	306	1.1	1.6	1.83	2.2	1.8	2	58	79	2	2
4592	RIVER NARMADA AT BUDHNIGHAT, BUDHNI	MADHYA PRADESH	18	31	8.2	9.9	7.5	8	178	287	1.1	1.7	0.97	2.04	1.8	2	58	84	2	2
4593	NARMADA AT D/S OF TEXTILE UNIT VILLAGE. HOLIPURA BUDNI	MADHYA PRADESH	18	32	8.6	9.3	7.7	8	218	285	1.2	1.5	0.17	3.8	1.8	2	58	79	2	2
4594	NARMADA AT BEFOR CONFLU. OF RIVER JAMNER VILL. NEMAWAR	MADHYA PRADESH	22	28	7.1	7.8	7.4	8.6	319	352	0.7	2.4	0.581	0.857	2	18	30	49	-	-
4595	NARMADA 500 M.D/S NEAR JAIN MANDER VILLAGE NEMAWAR	MADHYA PRADESH	20	28	7	7.8	7.4	8.3	325	343	0.7	2.8	0.011	0.918	2	6	29	58	-	-
4596	NARMADA AT HANUWANTIA DIST. KHANDWA	MADHYA PRADESH	19	24.8	7.2	8.2	7.5	8.5	208	284	0.6	1.1	0.602	0.932	1	1	14	43	-	-
4597	NARMADA AT U/S OMKAREWHWAR DAM KHANDWA	MADHYA PRADESH	19	24.4	7	8.2	7.4	8.2	248	429	0.6	1.1	0.512	0.908	1	1	31	43	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
4598	NARMADA RIVER AT DHARESHWAR	MADHYA PRADESH	20	25	7.2	8.4	7.5	8.4	248	328	0.5	1.2	0.521	1.291	1	1	31	49	-	-
4599	NARMADA NEAR W/S INTAKE JALLOD	MADHYA PRADESH	19	24.3	7.3	8	7.5	8.1	207	305	0.6	1	0.601	1.098	1	1	32	43	-	-
4600	NARMADA RIVER AT SHAHASTRADHARA (JALKOTI)	MADHYA PRADESH	19	24.3	7.2	8.3	7.6	8.3	254	341	0.5	1.1	0.521	1.966	1	1	33	48	-	-
4601	NARMADA AT KHALGHAT	MADHYA PRADESH	19	24.6	6.9	8.1	7.6	8.8	264	307	0.6	1.2	0.451	1.238	1	1	36	49	-	-
7	NARMADA AT GARUDESHWAR	GUJARAT	27	30	6	8	7.1	8.3	264	346	BDL	1	BDL	0.32	4	27	47	152	-	-
1244	NARMADA AT PANETHA,	GUJARAT	27	33	6.9	8	7.6	8.3	248	2656	BDL	1.1	BDL	BDL	21	32	46	94	-	-
1245	NARMADA AT CHANDOD,	GUJARAT	22	28	6.8	8.7	7.1	8	288	510	BDL	1	BDL	0.704	4	18	21	210	-	-
1981	NARMADA AT ZANOR (NTPC), BHARUCH	GUJARAT	26	30	6.4	7.7	7.5	8.4	321	481	BDL	1.1	BDL	BDL	21	49	68	92	-	-
1243	NARMADA AT BHARUCH, ZADESHVAR	GUJARAT	26	30	3.6	7.5	7.5	8.2	244	972	BDL	1	BDL	BDL	70	170	210	320	-	-

Table - 8.1: Water Quality of Tributaries - Chota Tawa, Gour, Kunda, Banjar, Simrar & Hiran (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	20	24	6.8	8.2	7.4	8.5	298	661	BDL	1.4	BDL	1.25	2	2	40	70	-	-
2100	GOUR RIVER BHOGA DOOR, JABALPUR	MADHYA PRADESH	17	26	7	7.8	7.2	8.7	130	410	BDL	1.6	BDL	0.8	2	2	12	47	-	-
2114	KUNDA AT KHARGONE	MADHYA PRADESH	19	25	5.6	7.6	7.7	8.7	345	569	BDL	1.8	BDL	6.12	2	150	40	1600	2	60
3305	BANJAR AT MALANJKHAND NEAR W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	17.3	26.5	7	7.8	7.4	8.6	160	3680	BDL	1.9	BDL	0.8	2	4	11	46	-	-
3326	SIMRAR AT KATNI NEAR ACC W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	23.4	27.8	5.1	6.9	7.3	8.6	160	368	BDL	1.9	BDL	2.21	2	10	14	41	2	2
3828	HIRAN, NH 7 ROAD BRIDGE, SIHORA, DIST JABALPUR	MADHYA PRADESH	17.2	24.6	6.1	7.9	7.2	8.9	210	1168	1	2.4	BDL	1.16	2	34	17	480	-	-
3829	HIRAN, NH -12 ROAD BRIDGE VIL VIKRAMPUR ,DIST. NARSINGPUR	MADHYA PRADESH	17.5	23.5	7	7.8	7.1	8.6	182	398	BDL	2.8	BDL	0.75	2	24	17	210	-	-

Table - 9: Water Quality of river Tapi (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
2115	TAPI AT NEPA NAGAR 100 METRE D/S AFTER MIXING PANDHAR NALLAH	MADHYA PRADESH	19	26	6.6	8.2	7.3	8.5	255	490	BDL	1.6	BDL	1.64	2	12	38	210	4	4
9	TAPI AT NEPANAGAR	MADHYA PRADESH	19	26	6.8	8	7.3	8.4	208	430	BDL	1.2	BDL	0.91	2	2	32	49	-	-
10	TAPI AT BURHANPUR	MADHYA PRADESH	19	26	4.6	8.3	7.6	8.5	285	686	1.3	2.4	BDL	9.60	2	3	48	220	2	3
1250	TAPI AT HATHNUR M.P.	MADHYA PRADESH	19	26	4.8	8.2	7.6	8.3	280	659	1.3	1.9	BDL	1.29	2	6	47	170	3	36
46	TAPI AT UKAI, SHERULA BRIDGE	GUJARAT	24	34	6.6	7.5	6.8	8.4	320	4848	BDL	1.2	BDL	0.19	2	54	2	73	-	-
1247	TAPI AT MANDAVI	GUJARAT	26	29	7	7.6	7	8.3	321	4128	BDL	1.2	BDL	0.81	2	14	2	58	-	-
1983	TAPI RIVER NEAR BARDOLI (KAPP BRIDGE) BARDOLI	GUJARAT	25	30	6.5	7.4	7	7.9	335	553	BDL	0.9	BDL	0.19	2	17	2	63	-	-
47	TAPI AT KATHORE, (NH-8 BRIDGE)	GUJARAT	25	29	7	7.6	7	8	232	4708	BDL	1.2	BDL	0.36	2	11	2	54	-	-
1248	TAPI AT SURAT U/S KATHORE	GUJARAT	25	29	7	7.4	7.1	8	240	678	BDL	1.8	BDL	0.54	2	23	2	79	-	-
1982	TAPI AT RANDER BRIDGE, SURAT	GUJARAT	25	29	7	7.4	7.1	8.4	216	813	BDL	1.3	BDL	0.47	2	14	2	83	-	-
2071	TAPI RIVER AT ONGC BRIDGE AT SURAT, DIST. SURAT	GUJARAT	26	32	0.7	7	7.1	7.7	2005	61120	BDL	2.3	BDL	0.34	6	23	47	150	-	-

Table – 9.1: Water Quality of tributaries - Kim and Amravati (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	25	30	4.8	7.2	7.1	8.2	211	3160	BDL	2	BDL	0.55	6	21	39	64	-	-
3203	AMRAVATI AT VILLAGE DADHAL , TA ANKLESHWAR, BHARUCH	GUJARAT	27	31	6.1	8.2	7.4	8.2	298	1410	BDL	1.6	BDL	0.35	27	79	94	170	-	-

Table - 10: Water Quality Of River Mahanadi (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH	Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5			< 3.0 mg/ L			< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1851	MAHANADI AT SIHAWA, CHHATISGARH.	CHHATTISGARH	23	27	6.5	7.1	7.3	7.5	176	356	2.2	3	-	-	9	11	2	41
1264	MAHANADI AT RUDRI U/S AT DHAMTORI RESERVOIR, CHHATISGARH.	CHHATTISGARH	22	26	6.6	7.4	7.4	7.4	184	378	1.2	7	-	-	2	2	4	40
1099	MAHANADI AT U/S OF RAJIM, CHHATISGARH.	CHHATTISGARH	22	29	6.2	6.8	7.3	7.6	288	2940	2	4.6	-	-	2	32	12	94
1852	MAHANADI AT ARRANG, RAIPUR, CHHATISGARH.	CHHATTISGARH	22	28	6.4	6.8	7.5	7.6	284	386	1	2.6	-	-	11	21	6	48
1100	MAHANADI AT KHARAD, CHHATISGARH.	CHHATTISGARH	19	32	7.3	7.9	8	8.6	222	298	1.1	2.2	1.9	4.7	2	20	2	220
1282	MAHANADI AT SHEORINARAYAN VILLAGE, CHHATISGARH.	CHHATTISGARH	19.5	32	6.3	7.5	8.2	8.7	70	292	1.3	2.5	2.1	5.2	2	30	10	220
1467	MAHANADI AFTER CONFL. WITH RIVER MAND, CHHATISGARH	CHHATTISGARH	20	31.5	6.5	7.5	8	8.7	244	322	1.2	2.6	2.8	4.9	2	40	2	280
3168	DOWNSTREAM OF HASDEO RIVER NEAR URGA VILLAGE KORBA	CHHATTISGARH	25.5	26.1	6.4	6.9	7.1	7.2	118	12621	BDL	1.4	BDL	7.84	13	260	49	700
1101	MAHANADI AT INTERSTATE BOUNDARY, CHHATISGARH.	CHHATTISGARH	19	27	6.5	7.4	7	7.6	194	224	1.2	4.2	0.84	44.03	2	9	9	48
1281	MAHANADI AT HIRAKUD RESERVOIR	ODISHA	22	31	7.4	8.8	6.8	8.3	124	215	BDL	1.5	BDL	1.23	20	490	130	2400
1270	MAHANADI AT SAMBALPUR U/S	ODISHA	21	30	6.6	8.6	6.6	8.2	143	299	BDL	1.4	BDL	0.88	45	1400	130	3500
1271	MAHANADI AT SAMBALPUR D/S	ODISHA	22	31	7	8.4	6.9	8.5	157	342	1	2.7	BDL	1.80	130	2200	540	7000
2405	SAMBHALPUR FD/s AT HUMA	ODISHA	23	29	6.8	8.4	7	8.3	140	206	BDL	1.5	BDL	1.02	130	2200	330	3500
1272	MAHANADI D/S (AFTER CONFL. WITH R. ONG SONEPUR U/S)	ODISHA	23	30	6.8	8.8	7.1	8.3	128	255	BDL	1.5	BDL	1.29	2	1300	20	3300
1274	MAHANADI A/c WITH TEL (SONEPUR D/S)	ODISHA	23	31	6.2	8.8	7.1	8.3	147	287	BDL	1.9	BDL	2.24	20	1700	170	3400
2404	MAHANADI POWER CHANNEL D/S NEAR BURLA	ODISHA	22	30	6.8	8	7.1	7.9	143	208	BDL	1.7	BDL	1.23	20	1300	170	2400
2406	MAHANADI AT MUNDALI (WATER INTAKE POINT OF BHUBANE	ODISHA	19	33	7.1	8.8	7.2	8.4	142	212	BDL	1.4	BDL	2.49	20	790	170	2400
3887	SAMBALPUR FD/S T SHANKARMATH	ODISHA	23	29	5.3	8.2	6.6	8	140	408	BDL	1.8	BDL	1.07	170	1700	790	4900
1275	MAHANADI AT TIKARPADA	ODISHA	18	28	5.8	10.4	6.8	8.3	145	272	BDL	1.6	BDL	1.91	2	780	78	1700
1276	MAHANADI AT NARSINGHPUR	ODISHA	19	35	7.2	9.2	7.2	8.4	146	225	BDL	1.7	BDL	1.82	45	1400	170	2800
1277	MAHANADI AT CUTTACK U/S	ODISHA	19	33	6.8	9.4	7.3	8.5	82	209	BDL	1.5	BDL	1.62	78	1300	230	3500

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)			
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986				> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL								
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1278	MAHANADI AT CUTTACK D/S	ODISHA	20	31	6.3	8.9	7.3	8.3	135	230	BDL	2.6	BDL	1.99	220	2300	790	4900	2	70
3888	MAHANADI POWER CHANNEL U/S	ODISHA	22	31	6.8	8.2	6.9	8.1	146	195	BDL	1.4	BDL	1.18	2	330	78	790	-	-
3890	MAHANADI AT CUTTACK FD/S AT GATIRAUTAPATNA	ODISHA	19	30	6.2	8.6	7.1	8.4	124	212	BDL	1.7	BDL	1.61	130	1700	330	3500	2	79
2407	MAHANADI AT PARADEEP U/S (BEFORE INDUSTRIAL ACTIVITY AT PARADEEP)	ODISHA	21	33	6.4	8.6	7.1	8.1	146	7746	BDL	1.3	BDL	1.06	2	490	2	1700	2	21
1639	MAHANADI AT PARADEEP D/s	ODISHA	21	34	6	8.6	7.1	8.4	292	42560	BDL	2.4	BDL	2.13	2	700	2	1700	2	79

Table 10.1: - Water Quality Of Tributaries - Seonath, Kharoon, Hasdeo, IB, Serua, Kuakhai, Kathjodi, Birupa, Arpa, Kelo, Daya, Gobari, Devi, Gangua, Kushabhadra, Mangala, Bhargavi, Kansari, Badasankha Nadi, Ratnachira Nadi, Nuna Nadi, Kusumi Nadi, Sabulia Nadi & Sankha (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)			
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986				> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL								
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
1107	SEONATH AT U/S RAJNANDGAON, CHHATISGARH.	CHHATTISGARH	23	36	7.4	7.6	7	7.5	229	229	1	1.8	BDL	0.33	4	380	2	1600	-	-
1266	SEONATH AT SHIMGA AFTER CONFL. WITH R. KHAROON, CHHATISGARH.	CHHATTISGARH	24	27	6.4	7.2	7.4	7.6	274	398	2.8	3.8	-	-	4	46	2	94	-	-
1845	SEONATH RIVER WATER SUPPLY WELL, DURG, CHHATISGARH.	CHHATTISGARH	22	28	7.1	7.8	7.1	7.5	200	204	1.1	1.8	BDL	BDL	5	270	2	1600	-	-
3166	SEONATH AT JHINGHRI VILLAGE, A/C OF SAMODA NALLA, CHHATISGARH.	CHHATTISGARH	22	36	5.5	7.4	7.4	7.8	465	465	2	3.8	BDL	0.78	2	360	4	1600	260	260
3167	SEONATH AT RAJNANDGAON, D/S AT MOHAD, RAJNANDGAON, CHHATISGARH.	CHHATTISGARH	23	35	7.3	7.6	7.1	7.5	208	208	1.2	1.8	BDL	34.02	2	500	9	1700	-	-
1265	KHAROON AT RAIPUR U/S, CHHATISGARH.	CHHATTISGARH	21	26	6.6	7.1	7.3	7.5	186	387	2	2.7	-	-	14	25	9	84	-	-
1846	KHAROON RIVER A/C KHAPRI DRAIN, CHHATISGARH.	CHHATTISGARH	22	36	7	7.6	7.1	7.6	294	294	1.5	2.2	BDL	0.64	12	300	2	1700	2	2
1847	KHAROON RIVER B/C KHAPRI DRAIN, DURG, RAIPUR ROAD BRIDGE, CHHATISGARH.	CHHATTISGARH	23	35	6.7	7.6	7.2	7.5	285	285	1.6	2.1	BDL	0.98	10	210	2	1600	2	2

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH	Conductivity (μmho/ cm)	Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)	Fecal Coliform (MPN/ 100 mL)	Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)				
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5		< 3.0 mg/ L			< 2500 MPN / 100 mL			< 500 MPN / 100 mL				
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1853	KHAROON RIVER BUNDRI, RAIPUR, CHHATISGARH.	CHHATTISGARH	23	26	6.4	6.5	7.3	7.6	192	396	1.9	2.6	-	-	11	11	7	79
1105	HASDEO AT U/S KORBA, CHHATISGARH.	CHHATTISGARH	25.4	25.9	7	8	7	7.1	126	10403	BDL	0.6	BDL	2.63	11	78	33	270
1106	HASDEO AT U/S OF CHAMPA, CHHATISGARH.	CHHATTISGARH	19	30	6.9	7.5	7.4	8.5	298	350	1.2	7.5	2.1	6	4	40	22	170
3165	HASDEO RIVER 100 METER DOWNSTREAM AFTER CONFLUENCE	CHHATTISGARH	25.5	26.1	0.6	7.4	7.1	7.1	107	15134	BDL	0.8	BDL	5.05	9	140	27	490
3169	DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA	CHHATTISGARH	25.5	26.2	0.6	8	7.1	7.1	118	12896	BDL	0.6	BDL	2.65	2	37	17	240
3170	DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA	CHHATTISGARH	25.6	26.3	7.2	8	7.1	7.2	114	15723	BDL	0.4	BDL	2.3	18	20	18	20
1267	IB AT SUNDARGARH	ODISHA	20	31	6.4	8.2	6.8	8.3	66	183	BDL	1.6	BDL	7.43	110	1400	330	1800
1268	IB AT JHARSUGUDA (INTAKE)	ODISHA	18	29	7.4	8.6	6.8	8.3	109	204	BDL	1.8	BDL	1.07	45	1100	230	2200
1269	IB AT BRAJARAJNAGAR (INTAKE) D/S	ODISHA	17	29	7.4	8.8	6.9	8.1	102	248	BDL	1.8	BDL	0.941	130	2200	490	3500
1300	IB AT BRAJARAJNAGAR U/S	ODISHA	18	30	7.8	8.6	6.9	8.3	97	242	BDL	1.8	BDL	0.81	45	790	330	3500
2409	SERUA AT CUTTACK FD/s (SERUA) AT SANKHATRASA	ODISHA	20	31	6.1	8.8	7	8.5	128	301	BDL	3.8	BDL	2.51	130	22000	490	54000
1279	KUAKHAI AT BHUBANESWAR U/s	ODISHA	19	30	5.4	8.9	7.1	8.3	141	258	BDL	1.9	BDL	0.81	330	2400	1300	5400
1280	KUAKHAI AT BHUBANESWAR D/s	ODISHA	19	30	4.2	8.8	7	8.4	152	391	2.2	4.7	BDL	8.2	1300	92000	2400	160000
2410	KUAKHAI AT BHUBANESWAR FU/s	ODISHA	19	30	4.7	9.7	7.4	8.3	113	251	BDL	1.7	BDL	0.70	130	1700	490	3500
1301	KATHAJODI AT CUTTACK D/s	ODISHA	19	30	6.1	8.4	7.5	8.5	162	318	BDL	3.6	BDL	2.34	1300	24000	1700	54000
1640	BIRUPA AT CHOUDWAR D/s	ODISHA	20	33	6.2	8.6	7	8.5	121	226	BDL	1.3	BDL	1.42	45	4900	230	7000
1848	ARPA RIVER D/S OF BILASPUR, CHHATISGARH.	CHHATTISGARH	20.6	29.2	6.4	7.3	8	8.6	298	3240	1.7	2.8	3.7	6.8	4	60	17	280
1849	KELO RIVER U/S OF RAIGARH, CHHATISGARH.	CHHATTISGARH	19	27	6.5	7.3	7.1	7.5	198	2240	1.2	4.1	0.92	1.14	4	83	17	27
1850	KELO RIVER D/S OF RAIGARH, CHHATISGARH.	CHHATTISGARH	19	27	5.7	7.4	7.3	7.9	202	226	2.2	7	0.99	1.36	6	26	31	84
2411	DAYA AT BHUBANESWAR FD/s (2 KM AFTER CONFLUENCE O	ODISHA	19	30	4.1	8.9	7	8.1	148	402	1.7	4.2	BDL	9.25	790	160000	2400	160000
3894	RIVER DAYA AT GELAPUR	ODISHA	19	30	4.7	9.5	7	8.3	151	346	BDL	1.4	BDL	1.3	490	13000	1400	35000
3895	RIVER DAYA AT KANAS	ODISHA	19	31	5.5	8.5	7	7.9	162	430	BDL	2.9	BDL	3.52	450	17000	1400	35000
3891	KATHAJODI AT CUTTACK U/s	ODISHA	21	31	7.4	8.6	7.6	8.4	136	225	BDL	1.3	BDL	1.42	45	1700	170	3500
3892	KATHJODI AT CUTTACK FD/s AT MATTAGAJPUR	ODISHA	21	33	5.6	9	7.2	8.2	147	334	BDL	3.3	BDL	2.08	68	7900	330	17000
3893	KATHJODI AT CUTTACK FD/s AT KAMASASAN	ODISHA	20	34	6.2	9.2	7.4	8.2	130	287	BDL	1.4	BDL	1.37	45	1700	230	4900

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH	Conductivity (μmho/ cm)	Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)	Fecal Coliform (MPN/ 100 mL)	Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)						
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5	< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL										
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX				
3900	GOBARI AT KENDRAPARA U/s	ODISHA	23	33	5.2	8.2	7	8.2	110	1644	BDL	1.6	BDL	1.92	20	1100	230	2800	-	-
3901	GOBARI AT KENDRAPARA D/s	ODISHA	23	33	4.6	8	6.8	8.2	178	1645	BDL	2.4	BDL	1.96	45	2200	470	4700	-	-
3902	DEVI AT MACCHGAON	ODISHA	21	32	5.8	8.4	6.9	8.2	147	24960	BDL	2.1	BDL	1.28	2	1300	45	3300	-	-
3896	GANGUA NEAR RAJDHANI ENGINEERING COLLEGE	ODISHA	20	31	0.6	3.4	6.9	7.9	186	391	3.3	13.3	BDL	9.93	14000	160000	92000	160000	110	280
3897	GANGUA AT PALASUNI	ODISHA	20	29	0.4	2.3	5.9	7.8	180	642	3.8	19.9	BDL	9.05	16000	160000	54000	160000	130	920
3898	GANGUA AT SAMANTARAPUR	ODISHA	21	29	0.2	3.2	5.7	7.8	212	511	5.1	13.8	BDL	11.92	13000	160000	35000	160000	79	350
3899	GANGUA AT VADIMULA	ODISHA	21	28	1.3	8.3	6.1	7.9	175	401	3.4	8.5	BDL	9.52	2100	54000	7900	92000	23	170
3903	KUSHABHADRA AT BHINGARPUR	ODISHA	22	33	5.5	11.3	6.6	8.2	172	359	BDL	2.2	BDL	5.64	330	7900	790	17000	49	49
3904	KUSHABHADRA AT NIMAPARA	ODISHA	23	32	5.8	10.3	6.8	8	166	401	BDL	2	BDL	3.64	110	4900	780	13000	-	-
3905	KUSHABHADRA AT GOP	ODISHA	23	32	5.3	8.6	6.7	8	148	318	BDL	2.1	BDL	6.19	700	13000	1300	22000	-	-
3906	MANGALA AT PURI U/s MALATIPATPUR	ODISHA	20	32	6.1	7.8	6.7	8.3	128	3286	BDL	1.7	BDL	1.4	45	4900	130	11000	13	13
3907	MANGALA AT PURI D/s GOLASAHI	ODISHA	23	33	4.5	15.7	6.8	8.3	163	16140	1.3	4.6	BDL	8.86	130	22000	490	160000	2	140
3908	BHARGAVI AT CHANDANPUR	ODISHA	20	31	5.8	8.3	6.9	7.9	148	1100	BDL	1.4	BDL	2.24	78	2300	230	4900	-	-
3909	KANSARI RIVER AT BANAPUR ROAD NEAR PURUSHOTTAMPUR	ODISHA	20	30	5.9	8.3	7.2	8.3	166	290	BDL	1.9	BDL	0.80	230	1100	790	3500	-	-
3910	BADASANKHA NADI NEAR LANGALESWAR	ODISHA	19	30	5.6	8	6.9	7.8	315	877	BDL	2.1	BDL	0.67	130	2800	330	4900	-	-
3911	RATNACHIRA NAADI AT KUMARADIHI	ODISHA	20	32	5.4	8.3	6.6	7.9	173	627	BDL	1.8	BDL	3.6	170	1700	220	4900	2	49
3912	NUNA NADI AT BIJIPUR	ODISHA	18	30	5.3	8.8	7	8.1	141	446	BDL	1.8	BDL	1.47	110	22000	1700	54000	8	130
3913	KUSUMI NADI NEAR TANGI (LAXMIDHARA PUR)	ODISHA	20	30	6.3	8.7	6.9	8.1	124	273	BDL	2	BDL	1.06	400	2200	2200	4900	2	70
3914	SABULIA NADI NEAR RAMBHA (AT JAGANNATHPATNA)	ODISHA	20	29	5.8	10.6	7.5	8.4	298	14160	BDL	2.6	BDL	0.66	170	2300	790	4900	2	79
2412	SANKHA U/s (D/S OF MANDIRA DAM)	ODISHA	20	31	6.2	8.6	6.5	8	91	272	BDL	1.3	BDL	2.10	110	1300	270	3500	-	-

Table - 11 (a) - Water Quality Of River Baitarni And Its Tributaries - Salandi & Kusei (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 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	16	25	6	7.9	6.9	8	90	153	BDL	1.6	BDL	1.58	78	1300	170	4900	120	120
1082	BAITARNI AT ANANDPUR	ODISHA	16	24	5.6	8.4	6.9	8	117	166	BDL	1.8	BDL	1.59	170	2300	270	3300	-	-
1083	BAITARNI AT JAJPUR	ODISHA	20	25	6.9	7.9	6.9	8.3	111	269	BDL	1.3	BDL	1.92	20	1300	130	3500	-	-
3935	BAITARNI RIVER AT NAIGARH	ODISHA	16	23	5.9	7.9	6.9	7.5	68	159	BDL	1.5	BDL	1.4	45	1300	140	2300	-	-
3936	BAITARNI RIVER AT UNCHABALI	ODISHA	16	26	5.8	7.6	6.7	7.7	64	171	BDL	1.4	BDL	3.46	68	1700	220	4900	-	-
1085	BAITARNI AT DHAMRA	ODISHA	18	30	6	8.8	6.7	8	306	34510	BDL	1.8	BDL	1.84	45	790	220	2400	-	-
3938	BAITARNI RIVER AT TRIBINDHA	ODISHA	20	26	5.8	7.7	6.8	7.8	107	212	BDL	1.6	BDL	1.85	2	790	78	3300	-	-
3937	BAITARNI RIVER AT CHAMPUA	ODISHA	18	26	6.2	8.3	6.6	7.6	105	196	BDL	1.8	BDL	1.40	20	790	140	3300	12	12
1084	BAITARNI AT CHANDBALI U/s	ODISHA	18	30	5.6	8.4	6.8	8	139	6210	BDL	2.3	BDL	0.92	110	2200	220	3500	-	-
10018	RIVER BAITARNI AT CHANDBALI D/S	Odisha	18	30	6	8.8	6.7	7.9	142	7980	BDL	2.4	BDL	0.99	110	2400	270	4900	-	-
3940	SALANDI AT BHADRAK U/S	ODISHA	18	30	6	9.2	6.5	8.1	96	322	BDL	1.3	BDL	1.44	220	1300	780	2400	-	-
3941	SALANDI AT BHADRAK D/s	ODISHA	18	30	6	9.6	6.5	8.5	85	288	BDL	2	BDL	0.95	130	2800	230	4900	-	-
2421	KUSEI BEFORE JOINING WITH BAITARANI RIVER AT ANAND	ODISHA	16	23	5.8	8.4	7.3	8.1	108	280	BDL	1.6	BDL	0.85	130	1700	220	4900	2	2

Table - 11(b): - Water Quality Of River Brahmani And Its Tributaries - Kharasrota, Bangurusingada Jhor & Karo (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 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	17	30	6.3	8.4	6.7	8	95	245	BDL	1.6	BDL	0.67	110	2200	170	4600	24	24
1038	BRAHMANI AT D/S PANPOSH AT DEOGAN	ODISHA	18	33	2.8	7.2	6.6	8.2	168	379	2.8	6.3	BDL	12.6	1100	13000	4000	24000	4	33
1302	BRAHMANI AT ROURKELA D/s AT JALDA	ODISHA	18	31	4	8.6	6.5	7.9	120	249	2.1	5.4	BDL	5.6	230	4900	1100	14000	8	49
2414	ROURKELA FD/s AT BIRITOLA	ODISHA	20	32	6.7	8.4	6.8	7.9	95	227	BDL	3.2	BDL	2	20	1700	220	3500	2	45

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1039	BRAHMANI AT BONAIGARH	ODISHA	20	31	6	8.5	6.8	8.4	94	220	BDL	1.4	BDL	6.91	20	1300	140	2300	-	-
1040	BRAHMANI AT RENGALI	ODISHA	22	29	5.8	9.4	7	8.4	93	169	BDL	1.2	BDL	0.78	2	790	20	1700	-	-
1041	BRAHMANI AT SAMAL	ODISHA	22	29	5	8.6	6.9	8.3	94	183	BDL	1.3	BDL	0.76	110	1300	220	3500	-	-
2415	BRAHMANI AT TALCHER FU/s (INTAKE WELL OF MCL, TALC	ODISHA	23	28	6.8	9.6	7	8.2	103	184	BDL	1.1	BDL	0.75	8	1100	46	2800	2	12
2416	BRAHMANI AT TALCHER FD/s	ODISHA	21	28	6.8	8.8	7	8	129	215	BDL	1.9	BDL	0.92	23	1700	130	3300	2	24
1042	BRAHMANI AT KAMALANGA (TALCHER D/s)	ODISHA	21	27	6.2	8.8	7	8.1	115	241	BDL	2.4	BDL	1.90	20	3300	170	7900	2	21
2417	BRAHAMNI AT DHENKANAL D/S, DHENKANAL TOWN	ODISHA	22	28	5.8	8.4	7.2	8.2	111	213	BDL	1.9	BDL	1.25	45	2200	78	2400	-	-
1303	BRAHMANI AT TALCHER U/s	ODISHA	22	29	6.4	8.8	7	8.2	111	205	BDL	1.1	BDL	0.77	33	1300	140	3300	2	14
1043	BRAHMANI AT BHUBAN	ODISHA	22	28	6.2	8.6	7.2	8.1	112	191	BDL	2.4	BDL	0.73	78	1700	490	3300	-	-
2418	BRAHMANI AT KABATABANDHA (BEFORE IMPACT OF INDUSTRIAL ACTIVITY IN KALINGANAGAR AREA)	ODISHA	20	25	6.5	8.2	6.8	8.2	114	181	BDL	1.6	BDL	1.42	78	1300	330	3500	-	-
1044	BRAHMANI AT DHARMASHALA U/s	ODISHA	21	26	7.2	8	6.9	8.3	119	246	BDL	1.9	BDL	1.18	170	1300	790	3500	-	-
1045	BRAHMANI AT PATTAMUNDI	ODISHA	23	33	5.8	8.3	7.1	8	123	477	BDL	1.8	BDL	1.00	170	790	220	3500	-	-
3916	ROURKELA FD/s AT ATTAGHAT	ODISHA	20	32	5.6	10	6.6	7.8	101	240	1.5	4	BDL	2.29	20	3300	130	11000	2	17
3917	BRAHMANI AT MANDAPAL	ODISHA	22	28	6.6	9.4	7.1	8.1	113	199	BDL	1.6	BDL	0.67	170	2400	490	17000	-	-
3918	BRAHMANI AT DHENKANAL U/s	ODISHA	23	28	6.4	8.8	7.2	8.1	113	187	BDL	1.3	BDL	1.81	45	1300	170	2300	-	-
2419	KHARASROTA AT KHANDITARA (D/S OF INDUSTRIAL ACTIVITY	ODISHA	20	26	7.1	8.2	6.6	8.4	113	203	BDL	1.8	BDL	2.31	17	790	130	2100	-	-
2420	KHARASROTA AT AUL	ODISHA	23	33	5.2	9	6.9	8.2	115	506	BDL	1.6	BDL	1.07	78	1700	270	4300	-	-
3922	KHARASROTA AT BINJHARPUR	ODISHA	22	25	7	8.6	6.7	8.1	102	209	BDL	1.1	BDL	1.08	78	1300	220	2800	-	-
3931	BANGURUSINGADA JHOR	ODISHA	22	28	5.8	9.6	7.5	8.2	222	485	BDL	1.8	BDL	0.69	460	1700	950	3500	-	-
1035	KARO AT LOHOJIMI U/S, JHARKAND	JHARKHAND	18	18	7.8	8.3	7.3	7.5			1.9	2.3			200	230	1200	1200	-	-
3915	KARO RIVER T BADBIL	ODISHA	19	27	6.7	8	6.8	8.1	109	282	BDL	1.8	BDL	1.67	45	1300	210	2400	-	-

Table - 12- : Water quality of river Godavari (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL									
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
2360	GODAVARI AT BASARA, ADILABAD	TELANGANA	15	27	6.7	7.6	7	7.4	336	491	2.1	21	2.09	4.18	2	17	8	49	2	5
2361	GODAVARI AT MANCHERIAL, NEAR RLY BDG B/C OF RALLAVAGU	TELANGANA	27	30	4.5	5.9	7.8	8.3	441	585	2	3	0.5	1.4	2	4	8	120	2	2
13	GODAVARI AT MANCHERIAL	TELANGANA	27	32	4.7	6.6	7.17	8.34	436	588	2.1	4	0.3	3.8	2	3.7	2	84	2	2
2362	GODAVARI AT RAMAGUNDAM D/S, NEAR FCI INTAKE WELL, KARIMNAGAR	TELANGANA	26	30	4.6	6.1	7.7	8.4	408	563	2.1	3.1	0.3	2	2	6	7	79	2	2
2363	GODAVARI AT GODAVARIKHANI, NEAR BATHING GHAT, KARIMNAGAR	TELANGANA	26	30	4.2	6	7.3	8.42	418	559	2.1	5.3	0.4	3	2	4	7	63	2	2
2364	GODAVARI AT RAMAGUNDAM U/S , KARIMNAGAR	TELANGANA	27	29	4	5.9	7.7	8.4	436	586	2.1	3	0.4	2	2	4	2	63	2	2
2365	GODAVARI AT KAMALPUR U/S M/S AP RAYONS LTD. INTAKE	TELANGANA	26	29	4.2	6.3	7.6	8.36	210	622	2.1	4	0.3	3	2	3.6	4	34	2	2
2367	GODAVARI AT BHADRACHALAM U/S BATHING GHAT, KHAMMAM	TELANGANA	26	33	5.2	6	7.4	8.3	180	396	2.1	3.3	0.3	1	2	4	8	120	2	2
2369	GODAVARI AT BURGAMPAHAD, KHAMMAM	TELANGANA	27	32	4	6.2	7.4	8.32	103	436	2	3.2	0.3	2	2	4	4	84	2	2
2366	GODAVARI AT KAMALPUR D/S AT M/S. AP RAYONS LTD. DISCHARGE POINT, WARANGAL	TELANGANA	27	29	5.4	6.2	7.2	8.4	219	484	2	3	0.3	3	2	3.7	4	48	2	2
2368	GODAVARI AT BHADRACHALAM D/S BATHING GHAT, KHAMMAM	TELANGANA	26	33	5	5.9	7.44	8.32	182	438	2.1	4	0.3	1.2	2	4	5	110	2	2
2356	GODAVARI, D/S OF RAMANUGUNDAM, MANTHANI	TELANGANA	26	28	4.1	6	7.75	8.3	455	680	2.1	4	0.4	3	2	20	8	150	2	2
4662	RIVER GODAVARI AT KALESHWARAM, 500 MTS.BEFORE BATHING GHAT	TELANGANA	27	28	5.2	6.2	7.31	8.39	272	4600	2.1	2.9	BDL	2	2	4	7	49	2	2
1218	GODAVARI AT RAJAHMUNDRY U/s, KUMARADEVAM, EAST GODAVARI	ANDHRA PRADESH	23	28	6.2	7.7	7.1	8.4	120	326	1.1	2	BDL	4.2	3	15	63	210	2	2
1219	GODAVARI AT RAJAHMUNDRY D/s, DHAVALESWARAM, EAST GODAVARI	ANDHRA PRADESH	25	30	6.2	8.4	7.1	8	125	340	1	2.6	BDL	2.93	9	21	120	240	2	2
2370	GODAVARI AT RAJAMUNDRY U/s OF NALLA CHANNEL, EAST GODAVARI DIST.	ANDHRA PRADESH	24	30	6.2	8.5	7	8.2	168	440	1	2.2	0.3	2.51	7	15	93	240	2	2
2371	GODAVARI AT RAJAMUNDRY D/s OF NALLA CHANNEL, EAST GODAVARI DIST.	ANDHRA PRADESH	24	31	5.9	8	6.8	8.2	211	452	1.6	2.6	0.36	2.37	9	21	120	460	2	2
4367	RIVER GODAVARI KOUNDINYA MUKTHI (V), KUKUNUR (M), BORDER BETWEEN A.P. & TELANGANA	ANDHRA PRADESH	22	29	6.4	7.7	7.2	8.7	255	760	1	2.2	BDL	2.79	4	50	64	210	2	2
14	GODAVARI AT POLAVARAM, WEST GODAVARI DISTRICT	ANDHRA PRADESH	22	27	6.2	6.9	7.4	8.1	117	338	1.2	2.3	BDL	3.4	4	11	63	210	2	2

Table 12.1 :- Water Quality of Tributaries - Indravati, Shankni, Manjeera, Maner, Wainganga, Kinnersani, Sabari, Karkavagu & Wardha (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL									
			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, CHATTISGARH	CHHATTISGARH	26	34	7.5	7.6	7.3	7.6	-	-	1.5	2.8	-	-	2	12	7	79	2	2
1855	INDRAVATI RIVER B/C GODAVARI AT BHOPALPATNAM, DANTEWADA, CHATTISGARH	CHHATTISGARH	26	34	7.4	7.5	7.4	7.6	-	-	1.8	2.4	-	-	7	17	14	94	2	2
1856	SHANKNI RIVER A/C DANKANI RIVER DANTEWADA, CHHATTISGARH	CHHATTISGARH	26	34	7.4	7.6	7.3	7.6	-	-	2	2.8	-	-	2	14	5	70	2	2
2374	MANJEERA AT GOWDICHLARLA B/C WITH NAKKAVAGU	TELANGANA	18	24	0.1	6.9	7.04	7.41	614	1785	2.4	3	BDL	17.31	2	2	24	36	2	18
2375	MANJEERA AT GOWDICHLARLA A/C WITH NAKKAVAGU	TELANGANA	18	24	0.1	7.2	7.1	7.43	621	1863	2.4	3	BDL	19	2	4	31	40	2	2.8
1781	MANJEERA RIVER - NEAR GANAPATHI SUGARS , MEDAK DIST.	TELANGANA	19	22	6	6.8	7.1	7.37	568	836	2.2	2.9	BDL	9.22	2	2	17	34	2	2
1157	MANJEERA AT RAIPALLY	TELANGANA	20	25	5.9	7.3	7	7.46	256	480	2.1	2.2	BDL	4.31	2	5	13	22	2	2
1215	MANER AT WARANGAL U/S (RIVER MANERU AT THUMMALA CHERUVU/MADANNAPET)	TELANGANA	27	29	5	6.8	6.7	8.2	206	438	2	3.1	0.3	5.6	2	4	2	79	2	2
1158	MANER AT SOMNAPALLI	TELANGANA	25	30	4.8	6	7.9	8.5	512	680	2.1	4	BDL	1.1	2	8	9	49	2	2
1213	WAINGANGA AT BALAGHAT, M.P.	MADHYA PRADESH	17.3	24.2	7	8.3	7.1	8.3	220	388	BDL	1.8	0.06	1.21	2	4	7	46	-	-
3330	WAINGANGA AT CHHAPARA, NEAR W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	17.1	25.8	7	7.9	7.2	8.4	234	424	BDL	1.7	BDL	0.5	2	10	7	46	-	-
2372	KINNERASANI A/C OF KTPS ASH POND EFFLUENTS, KHAMMAM	TELANGANA	26	32	3.9	5.6	7.7	8.1	328	577	2.2	6	0.3	2.6	2	4	8	70	2	2
2373	SABARI AT KUNAVARAM, KHAMMAM	TELANGANA	27	36	5.6	6.4	7.02	8.32	67	120	2	2.3	BDL	2	2	2	2	26	2	2
3080	KARAKAVAGU U/S AT PALONCHA, KHAMMAM	TELANGANA	25	30	3.7	6	7.4	8.2	469	859	2.1	5	0.8	2	2	4	2	64	2	2
3081	KARAKAVAGU D/S AT PALONCHA, KHAMMAM	TELANGANA	25	32	4.5	6.1	7.6	8.4	409	580	2.1	4	0.6	2	2	37	2	70	2	2
30059	WARDHA AT BANGON VILLAGE NEAR PANDHURNA (M.P.)	INTER-STATE	29	29	6.2	8.1	8.1	8.3	331	356	3	4	0.092	0.333	85	240	1600	1600	41	41

Table - 13 - : Water quality of river Krishna (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986			> 5.0 mg/ L		6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL									
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1889	KRISHNA - ANKALI BRIDGE ALONG CHIKKODI KAGWAD ROAD	KARNATAKA	22	31	6	8.4	7.2	8.7	330	766	BDL	1.6	0.31	4.56	220	920	900	1600	110	540
1182	KRISHNA AT U/S OF UGARKHURD BARRAGE,	KARNATAKA	22	32	6.9	8.3	7.4	8.7	390	760	BDL	2.5	0.33	4.32	350	920	900	1600	170	500
2781	KRISHNA AT D/S OF ALAMATTI DAM,	KARNATAKA	29	32	6	9.1	6.8	8.7	400	835	BDL	3.4	0.39	2.34	350	920	900	1600	280	540
1181	KRISHNA AT D/S OF NARAYANPURA DAM,	KARNATAKA	29	32	6.1	9.3	6.8	8.7	379	1020	BDL	3	BDL	2.91	350	920	900	1600	220	540
1028	KRISHNA AT TINTINI BRIDGE,	KARNATAKA	27	29	7	7.8	7.8	8.5	311	1202	2	2	BDL	0.54	170	450	920	2200	-	-
1170	KRISHNA AT D/S OF DEVASAGAR BLDG.	KARNATAKA	26	32	7	7.8	7.9	8.4	465	1728	2	3	BDL	0.62	220	470	920	2200	-	-
39	KRISHNA AT GADWAL BRIDGE	TELANGANA	26	30	5.3	6.6	7.1	8.3	528	1667	2.1	3.1	BDL	3.2	2	4	2	70	2	5
1465	KRISHNA AT WADAPALLY AFTER CONFL. WITH R. MUSI SHIFTED FROM 1220)	TELANGANA	16	25	5.9	7.1	7	7.76	495	1204	2.2	3	4.14	9.37	2	280	13	920	4	210
1784	KRISHNA AT THANGADI , MAHABOONNAGAR DIST.	TELANGANA	26	29	5.3	6.6	7.5	9.14	426	1595	2.1	4	0.6	9.84	2	2	2	48	2	2
4663	RIVER KRISHNA AT MATTEPALLY, 500 MTS BEFORE BATHING GAHT	TELANGANA	17	25	5	7	7.1	7.5	422	960	2	2.8	BDL	8.28	2	15	13	47	2	5
1175	KRISHNA A/c WITH TUNGABHADRA, SANGAMESHWARAM, KURNOOL	ANDHRA PRADESH	19	30	4.9	6.5	6.6	8.1	394	1243	1	2.6	BDL	1.7	63	100	280	900	-	-
1786	KRISHNA AT VEDADRI, KURNOOL	ANDHRA PRADESH	25	27	6.8	7.6	7.2	8.4	514	1393	1.2	2.4	0.67	1.86	3	3	75	380	2	2
3083	KRISHNA D/S OF SRISHAILAM, KURNOOL	ANDHRA PRADESH	19	28	5.2	6.8	6.7	7.7	467	778	BDL	2.2	BDL	1.88	72	300	280	1400	-	-
3079	D/S OF RIVER KRISHNA A/C WITH TREATED SEWAGE DISCHARGING FROM STP LOCATED AT RAMALINGESHWARNAGAR, VIJAYAWADA, KRISHNA	ANDHRA PRADESH	26	26	7.3	7.5	7.7	8	498	698	2	2.2	BDL	0.82	3	3	120	120	2	2
1787	KRISHNA AT AMARAVATI, GUNTUR	ANDHRA PRADESH	20	28	6.9	7.6	7.4	8.4	550	998	BDL	2.2	0.55	1.3	3	3	64	240	2	2
25	KRISHNA AT VIJAYWADA, KRISHNA	ANDHRA PRADESH	20	26	7	7.5	7.2	8.4	440	1086	1	2	0.53	1.16	2	23	75	230	2	2
1782	KRISHNA AT HAMSALADEEVI PULIGADDA AQUEDUCT NEAR	ANDHRA PRADESH	24	27	4	4.9	7.3	8	19580	36500	2	2.8	0.56	1.12	3	3	47	150	2	2
4375	RIVER KRISHNA, PAVITHRA SANGAMAM, AFTER CONFLUENCE	ANDHRA PRADESH	24	27	7	7.4	7.5	8.4	316	880	BDL	2.2	0.36	1.34	3	3	64	230	2	2
4381	RIVER KRISHNA AFTER CONFLUENCE WITH RIVER MUSI AT VADAPALLI (V) BETWEEN A.P. & TELANGANA	ANDHRA PRADESH	21	27	6.8	7.5	7.5	8.4	620	1163	BDL	2.6	0.72	1.2	3	3	120	250	2	2

Table- 13.1: Water Quality of Tributaries - Panchaganga and Bhima (2020)

Station Code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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,KOHLAPUR	MAHARASHTRA	33	33	5.4	7.3	7.1	8.1	126	587	1.8	2.2	-	-	4.5	17	21	79	1.8	1.8
2163	PANCHAGANGA RIVER AT SHIROL NEAR SHIROL INTAKE WELL, KOLHAPUR	MAHARASHTRA	32	32	5.8	7.4	6.9	8.2	140	719	1.6	2	-	-	4.5	13	22	94	1.8	1.8
1904	PANCHAGANGA U/S OF KOLHAPUR TOWN, BALINGA, KARVIR, KOLHAPUR	MAHARASHTRA	31	31	6.2	7.4	6.5	8.2	74	376	1.6	2	-	-	4.5	11	17	84	1.8	1.8
1905	PANCHAGANGA D/S OF KOLHAPUR TOWN, UCHEGAON, KOLHAPUR	MAHARASHTRA	30	30	6	7.6	6.8	8.1	123	479	1.8	2	-	-	5.6	21	24	130	1.8	4
1189	BHIMA AT PUNE U/S VITHALWADI, HAWELI, PUNE	MAHARASHTRA	29	29	2.8	5.9	6.7	8.2	244	593	5.2	25	-	-	50	550	550	1800	4	14
2655	BHIMA RIVER AT KOREGAON NEAR KOREGAON BRIDGE, SHIRUR, PUNE	MAHARASHTRA	28	28	5	6.8	7.24	8.6	186.2	1363	3	9	-	-	8	350	350	1600	2	14
1190	BHIMA AT PUNE, D/S OF BUNDGARDEN, YERWADA, HAWELI, PUNE	MAHARASHTRA	29	29	4.5	6.2	6.72	8.3	229.6	767.8	6	20	-	-	250	1600	1800	1800	9	45
1191	BHIMA AT PARGAON (AFTER CONFL.WITH MULA MUTHA),PARGAON, DAUND, PUNE	MAHARASHTRA	30	30	3.5	6.8	6.85	8.6	443	932	3	14	-	-	4	120	225	900	1.8	7
1192	BHIMA AFTER CONF. WITH DAUND, DAUND, PUNE	MAHARASHTRA	29	29	3.3	6.7	6.92	8.5	178	1512	3.8	10	-	-	12	140	350	900	2	24
1188	BHIMA AT NARSINGPUR, (D/S AF.CONFL.WITH R.NIRA), NARSINGPUR, MALSHIROS, SOLAPUR	MAHARASHTRA	35	35	5.1	6.8	7.6	8.6	458	1592	3.6	11.5	-	-	7	12	200	350	2	8
28	BHIMA AT TAKLI, SOUTH SOLAPUR, SOLAPUR	MAHARASHTRA	35	35	5.5	6.5	7.1	8.4	455	1780	3	10	BDL	6.3	4	80	350	550	1.8	6
30057	BHIMA AT GANGAPUR (BANGALORE)	INTER-STATE	29	29	6.8	7.4	8	8.5	882	1407	2	3	-	-	630	1100	2800	3500	-	-
1183	BHIMA AT D/S OF ROAD BRIDGE AT GANGAPUR VILLAGE,	KARNATAKA	25	31	6.8	7.4	7.5	8.5	782	1660	2	3	BDL	2.17	460	1100	2200	3500	-	-
1184	BHIMA AT FEROZABAD VILLAGE (D/S),	KARNATAKA	26	31	6.4	7.8	7.8	8.7	640	1554	2	3.5	BDL	1.31	220	700	920	3500	-	-
1167	BHIMA AT D/S OF BDG. NEAR YADGIR,	KARNATAKA	32	32	6.8	7.6	7.5	8.3	390	1326	2.5	3	-	-	170	1100	920	4300	-	-
1888	BHIMA RIVER AT CONFLUENCE OF JEWARGI TOWN SEWAGE DISPOSAL POINT	KARNATAKA	31	31	6.8	7.7	7.6	8.5	712	1355	2.5	3	-	-	330	1200	1700	5400	-	-
2656	BHIMA RIVER-BACKWATER OF UJANI DAM NEAR RAW WATER PUMP HOUSE, KUMBARGAON, INDAPUR, PUNE	MAHARASHTRA	29	29	5.6	6.8	7	8.5	635	920	3.4	8	-	-	2	40	170	900	1.8	2

Table 13.2 - Water Quality of Tributaries - Ghatprabha, Malprabha, TunghbhadrA, Tunga, Bhadra, Musi, Palleru, Muneru, Kagina, Nakkavagu, Hundri(2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	21	5.3	9.9	7.7	8.8	324	970	BDL	1.8	0.81	5.38	280	920	900	1600	170	540
1163	GHATPRABHA AT W.A. POINT TO GOKAK TOWN,	KARNATAKA	20	34	6.1	8.6	7.1	8.6	260	766	BDL	2.1	0.44	4.56	220	900	900	1600	110	500
1187	MALPRABHA AT D/S OF KHANAPUR VILLAGE,	KARNATAKA	22	28	5.4	10.9	7	8.6	130	264	BDL	2.9	0.3	2.3	500	900	900	1600	220	500
1164	MALPRABHA AT WATER ABSTR. PT. TO HUBLI, DHARWAR,	KARNATAKA	24	34	1.5	8.5	7.5	8.8	194	328	BDL	1.5	BDL	4.92	220	900	900	1600	110	350
1186	MALPRABHA AT D/S OF AIHOLE TOWN,	KARNATAKA	17	20	5.1	8.2	7.3	8.8	318	1192	BDL	2.8	0.78	3.72	220	1800	900	3200	110	1000
2764	MALPRABHA AT BADAMI BRIDGE,	KARNATAKA	18	20	5.3	8.3	7.3	8.8	320	1068	BDL	2.8	1.32	6.4	500	1800	900	3200	280	1000
1029	TUNGABHADRA AT HARALAHALLI BRIDGE,	KARNATAKA	27	30	6.3	7.5	7.1	8	158	390	2.2	2.8	BDL	1.33	900	1100	1600	1700	-	-
29	TUNGABHADRA AT ULLANUR	KARNATAKA	25	30	6.9	7.5	7.6	8.4	190	1118	2	3	BDL	0.19	220	460	920	2200	-	-
2767	TUNGABHADRA AT U/S OF HPF	KARNATAKA	26	28	7.3	7.5	7.2	8.1	150	290	2.3	2.8	BDL	0.52	500	800	200	1600	-	-
2768	TUNGABHADRA AT D/S OF HPF	KARNATAKA	28	29	6	6.5	7.1	8	210	710	2.5	5.6	BDL	1.98	800	3500	2200	9000	-	-
2769	TUNGABHADRA AT JACKWELL POINT	KARNATAKA	27	29	6.1	6.8	7.1	8	172	454	2.3	3.2	BDL	1.66	800	1400	1700	2200	-	-
2770	TUNGABHADRA AT HARIHAR WATER SUPPLY INTAKE	KARNATAKA	27	28	6.5	7	7.1	8.2	210	410	3	4.8	BDL	1.17	2800	5000	5000	8000	-	-
2776	TUNGABHADRA AT D/S OF GANGAWATHI	KARNATAKA	24	30	7	7.6	7.7	8.5	168	610	2	3	BDL	0.15	140	350	920	1600	-	-
2766	TUNGABHADRA AT NEW BRIDGE	KARNATAKA	26	28	7.3	7.5	7.2	8.1	156	320	2.4	3.2	BDL	0.56	500	900	900	2200	-	-
1174	TUNGABHADRA AT KURNOOL U/s, BHAVAPURAM, KURNOOL	ANDHRA PRADESH	20	28	5.4	6.6	7.3	7.9	602	1730	1.3	3	0.32	2.54	95	300	400	1200	-	-
1785	TUNGABHADRA AT MANTHRALAYAM, KURNOOL	ANDHRA PRADESH	22	29	5.3	6.6	6.9	7.9	361	1611	1.4	2.8	0.46	2.6	100	400	400	1500	-	-
1168	TUNGA AT D/S OF SHIMOGA TOWN	KARNATAKA	26	29	4.9	8.8	7.1	8	150	280	2.6	4.2	0.3	0.94	3000	11000	5000	17000	-	-
1896	TUNGABHADRA AT CONFLUENCE POINT OF TUNGA AND BHADRA AT KUDLI	KARNATAKA	24	29	5.4	7.6	7.1	8.2	162	240	2.2	2.8	BDL	0.77	800	800	1400	1700	-	-
1091	BHADRA AT MALLESWARAM D/S OF KIOCL	KARNATAKA	19	25	5.5	8	6.8	7.3	60	120	1.6	2	BDL	0.1	14	49	170	350	-	-
1387	BHADRA AT D/S OF BHADRAVATHI	KARNATAKA	28	30	5.6	7.5	7.2	8.1	198	302	2.8	3.8	BDL	0.6	3500	14000	5000	22000	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1169	BHADRA AT D/S OF KIOCL ROAD BRIDGE, NEAR HOLEHUNNUR	KARNATAKA	26	30	5.1	7.8	7.2	8.3	172	290	2.2	3.2	0.34	0.7	1300	2200	2400	3500	-	-
2765	BHADRA AT U/S OF MPM	KARNATAKA	27	30	5.4	7.6	7.2	8.2	155	210	2.1	2.8	BDL	0.48	500	900	900	1600	-	-
2771	BHADRA AT U/S OF KIOCL	KARNATAKA	18	24	5.7	8.2	6.7	7.2	56	110	1.4	2	BDL	0.1	13	46	140	350	-	-
1172	MUSI U/S AT GANDIPET, OSMANSAGAR LAKE, HYDERABAD	TELANGANA	26	32	4	6.4	6.8	7.9	426	1162	2.1	5	0.33	4.24	1.8	9	34	94	BDL	BDL
1173	MUSI D/S AT PRATAPSINGARAM, HYDERABAD	TELANGANA	21	28	0.1	13	6.91	7.9	1084	1410	10	32	1.71	16.01	39	430	540	1600	38	920
2339	RIVER MUSI AT NAGOLE, RANGAREDDY	TELANGANA	25	29	0.1	1.4	7	8	1041	1460	10	44	2.2	16	33	920	1600	1600	220	1600
3082	MUSI RESERVOIR AT KASANIGUDA, NALGONDA	TELANGANA	16	27	5	7.1	7.1	7.7	798	1655	3	5	4.11	14.39	1.8	13	15	94	1.8	1.8
1178	PALLERU B/c WITH KRISHNA, JAGGAIAPET	ANDHRA PRADESH	25	27	7.1	7.6	7.6	8.4	828	1400	1.2	2.4	0.64	1.68	3	3	120	460	BDL	BDL
1177	MUNERU B/c WITH KRISHNA, NANDIGAMA	ANDHRA PRADESH	25	26	6.9	7.4	7.6	8.1	794	1128	1.8	2.6	0.92	1.32	3	3	120	250	BDL	BDL
1895	KAGINA D/S OF SEWAGE DISPOSAL POINT	KARNATAKA	27	31	6.4	7.6	7.8	9	380	715	2	3	BDL	0.6	330	1100	1600	3500	-	-
2777	KAGINA AT SHAHABAD BRIDGE	KARNATAKA	26	31	6.2	7.5	7.8	8.7	348	598	2	3	BDL	0.61	460	1100	2200	4300	-	-
2349	NAKKAVAGU, BACHUGUDEM, MEDAK	TELANGANA	18	26	1.5	2.3	6.9	7.5	1311	1920	5.8	12	6.21	16.47	1.8	350	31	1600	34	130
2350	RIVER HUNDRI AT JOHARAPURAM(V), NEAR TEMPLE, KURNO	ANDHRA PRADESH	22	30	4.7	6.4	7.4	7.8	730	1350	1.5	2.8	0.56	2.54	84	200	280	900	-	-
4259	SAMPLE FROM NAGARJUNA SAGAR DAM SPILL WAY	TELANGANA	16	30	6	7.5	7	9.1	349	1442	1.9	2.4	2.16	10.12	1.8	13	11	49	1.8	4

Table – 14: Water Quality of river Pennar & Kundu (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1255	PENNAR B/c WITH CHITRAVATHI, TADIPATRI, UNGANOOR	ANDHRA PRADESH	23	25	5.7	6.1	7.2	7.8	420	803	BDL	2.2	BDL	1.51	1.8	130	400	600	-	-
1256	PENNAR A/c WITH PAPAGNI, PUSHPAGINI, KADAPA	ANDHRA PRADESH	25	38	5.4	6.4	6.7	7.8	480	1270	1.2	3	0.44	3.4	100	300	350	900	-	-
1257	PENNAR A/c WITH CHEYYURU, SOMASILA, NELLORE	ANDHRA PRADESH	21	27	6.8	7.6	7.4	8.4	737	1066	1.2	2.4	0.76	1.11	3	3	120	380	BDL	BDL
30	PENNAR AT SIDDVATAM, KADAPA	ANDHRA PRADESH	24	38	5.5	6.6	6.9	7.9	554	1315	1.3	2.8	0.43	3.9	100	200	400	900	-	-
2351	RIVER KUNDU, NANDYAL, NEAR OVER BDG., KURNOOL	ANDHRA PRADESH	21	30	4.7	6.3	5.9	7.9	493	1433	1.2	2.8	0.42	2.03	100	400	600	1600	-	-

Table - 15: Water quality of river Cauvery (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	19	28	6.9	7.8	7.2	8.1	32	187	1	1.8	BDL	0.5	20	83	210	410	-	-
1195	CAUVERY AT KUSHAL NAGAR U/S (NEAR BAICHANAHALLI)	KARNATAKA	19	26	6.8	7.2	7.3	8	75	225	1.1	2	BDL	0.96	32	93	280	460	-	-
33	CAUVERY AT KRS DAM, BALAMURIKSHETRA	KARNATAKA	24	28	6.9	7.4	7.7	8.3	118	295	1.2	1.5	0.32	1.7	130	340	790	1300	-	-
1171	CAUVERY AT SRI RANGAPATTANNA, D/S OF ROAD BDG.	KARNATAKA	25	29	6.3	7.1	7.4	8.3	147	344	1.4	2.5	0.55	2.1	210	700	1100	1700	-	-
1386	CAUVERY AT D/S OF KAREKUARA VILLAGE	KARNATAKA	23	27	6.7	7.3	7.6	8.2	118	301	1.2	1.8	BDL	2.1	130	460	700	1300	-	-
34	CAUVERY AT SATHYAGALAM BRIDGE	KARNATAKA	21	28	6.8	7.4	8	8.4	148	373	1.1	2	0.52	2	170	490	920	1400	-	-
2773	CAUVERY AT BANNUR BRIDGE	KARNATAKA	22	29	6.7	7.3	7.6	8.2	128	420	1.2	2	0.48	1.5	110	460	630	1200	-	-
2774	CAUVERY AT RANGANATHITTU	KARNATAKA	23	28	6.5	7	7.5	8.2	157	327	1.5	2	0.41	2.8	160	580	1100	1700	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
3566	CAUVERY AT KRS DAM MANDYA	KARNATAKA	24	28	6.7	7.4	7.8	8.3	125	290	1.1	1.8	0.32	1.2	91	320	580	1200	-	-
3568	CAUVERY AT WATER SUPPLY INTAKE POINT TO SRIRANGAPATANAN	KARNATAKA	23	28	6.3	7.3	7.6	8.3	145	325	1.2	22	0.44	1.3	140	430	630	1500	-	-
3569	CAUVERY AT WATER SUPPLY INTAKE POINT TO MANDYA TOWN	KARNATAKA	24	27	6.3	7.1	7.6	8.2	148	328	1.2	2.6	0.32	2.1	210	390	840	1400	-	-
3570	CAUVERY D/S OF KR NAGAR BRIDGE	KARNATAKA	23	29	6.8	7.3	7.5	8.3	128	448	1.1	1.9	0.32	3.5	110	340	790	1300	-	-
3571	CAUVERY U/S OF KR NAGAR	KARNATAKA	22	29	6.7	7.4	7.4	8.3	108	450	1.1	2.1	0.34	2.9	91	260	630	1200	-	-
3573	CAUVERY D/S OF KUSHALANAGAR TOWN	KARNATAKA	19	26	6.9	7.3	7.1	8.2	45	291	1.1	1.6	BDL	5	33	93	280	480	-	-
3574	CAUVERY AT WATER SUPPLY INTAKE POINT TO MADIKERI	KARNATAKA	18	29	7	7.7	7.2	8.2	44	253	1	1.8	BDL	0.81	21	78	170	390	-	-
3576	CAUVERY AT WATER SUPPLY INTAKE POINT TO MYSORE PUMP HOUSE	KARNATAKA	20	28	6.5	7.5	7.8	8.3	139	309	1	2	0.5	1.7	93	270	630	840	-	-
3578	CAUVERY D/S OF MADDUR WATER SUPPLY TREATMENT PLAN	KARNATAKA	23	28	5.8	7.4	7.7	8.4	169	369	1	3	0.34	1.6	91	330	700	1100	-	-
3579	CAUVERY AT WATER SUPPLY INTAKE POINT AT KOLLEGALA	KARNATAKA	21	29	6	8	7	8.4	161	389	1.2	2	0.54	2.1	130	490	840	1300	-	-
3581	CAUVERY AT WATER SUPPLY INTAKE POINT AT T K HALLI	KARNATAKA	23	28	6.8	7.4	7.7	8.4	132	365	1.2	1.8	0.32	1.8	91	430	630	1200	-	-
4109	CAUVERY RIVER BEFORE CONFLUENCE AT SANGAM	KARNATAKA	24	26	4.5	8	7.1	7.9	255	1177	3	5.2	BDL	8.75	21	11000	350	160000	23	94
30052	CAUVERY AT AJIBORE (BANGALORE)	INTER-STATE	26	26	7.7	8.4	7.6	8.3	336	554	BDL	0.1	BDL	0.73	110	490	920	3500	-	-
50	CAUVERY AT METTUR	TAMIL NADU	22	31	4.8	7	6.6	8.6	288	479	BDL	4	BDL	1.84	21	46	47	140	-	-
51	CAUVERY AT PALLIPPALAYAM	TAMIL NADU	22	30	1.6	6.9	7.5	7.9	303	1016	BDL	12	BDL	1.23	26	310	94	630	-	-
1320	CAUVERY AT ERODE NEAR CHIRAPALAYAM, TAMILNADU	TAMIL NADU	29	33	6	7	7.5	8.4	269	660	BDL	2	BDL	0.36	12	220	33	470	-	-
1323	CAUVERY AT VELORE NEAR KATTIPALAYAM, TAMILNADU	TAMIL NADU	26	32	5.6	6.9	7.6	8.6	343	831	BDL	2	BDL	0.36	21	260	63	630	-	-
3015	CAUVERY AT PUGALUR, KARUR, TAMILNADU	TAMIL NADU	29	35	6	7	7.6	8.8	493	879	BDL	2	BDL	0.39	58	260	170	630	-	-
1324	CAUVERY AT MOHANUR NEAR PATTAPALAYAM, TAMILNADU	TAMIL NADU	26	32	5.7	7	7.6	8.7	356	836	BDL	2.4	BDL	0.34	23	260	70	630	-	-
1451	CAUVERY AT THIRUMUKKUDAL-CONFL. PT.OF R. AMRAVATI,	TAMIL NADU	24	35	6	7	7.6	8.6	468	856	BDL	3	BDL	0.81	46	210	150	470	-	-
31	CAUVERY AT MUSIRI	TAMIL NADU	27	34	6	7	7.5	8.7	329	887	BDL	3	0.31	1.12	31	140	110	280	-	-
3016	CAUVERY AT PETTAIVAITHALAI, TRICHY, TAMILNADU	TAMIL NADU	28	34	6	7.2	7.7	8.7	334	609	BDL	3	BDL	0.8	63	230	140	490	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL	
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1202	CAUVERY AT TIRUCHIRAPPALLI U/S, TAMILNADU	TAMIL NADU	27	33	6	7.4	7.7	8.4	362	592	BDL	4	0.30	0.86	63	310	150	1100	-	-
1325	CAUVERY AT TIRUCHIRAPPALLI D/S, TAMILNADU	TAMIL NADU	30	33	5.5	7.6	7.3	7.9	382	798	BDL	3.3	BDL	3.81	14	460	49	1400	-	-
1203	CAUVERY AT TRICHY, GRAND ANAICUT,	TAMIL NADU	26	31	5.4	7.5	7.4	7.9	425	730	BDL	3	BDL	2.08	26	110	70	270	-	-
1206	CAUVERY AT THANJAVUR, TAMILNADU	TAMIL NADU	30	34	5.5	7.9	7.5	8.2	357	660	1	4	BDL	0.83	17	130	46	320	-	-
3018	CAUVERY AT MAYILADUTHURAI, NAGAPATTINAM,	TAMIL NADU	23	27	5.1	6.7	7.2	7.9	341	6080	1	3	BDL	0.55	23	110	70	270	-	-
3012	CAUVERY AT KOMARAPALAYAM, NAMAKAL,	TAMIL NADU	20	32	4.6	6.7	7.3	8.3	324	513	BDL	6.9	BDL	1.37	49	260	170	630	-	-
3013	CAUVERY AT URRACHIKOTTAI, ERODE, TAMILNADU	TAMIL NADU	19	32	5.8	6.9	7.6	8.5	270	420	BDL	2	BDL	0.36	26	84	63	210	-	-
3014	CAUVERY AT VAIRAPALAYAM, NAMAKAL,	TAMIL NADU	20	32	5.4	6.9	7.1	8.3	276	429	BDL	3.6	BDL	1.38	31	220	84	490	-	-
3017	CAUVERY AT KUMBAKONAM, THANJAVUR,	TAMIL NADU	28	31	5.2	7.5	7.5	7.9	386	511	1	3.6	BDL	1.6	23	170	70	390	-	-
1326	CAUVERY AT COLEROON, TAMILNADU	TAMIL NADU	23	27	6	6.8	7.9	8.5	796	39900	1	2	BDL	5.43	43	170	94	410	-	-
1327	CAUVERY AT PITCHAVARAM, TAMILNADU	TAMIL NADU	21	29	5.9	6.9	6.9	8.4	420	831	1	2	BDL	3.48	33	140	120	380	-	-
4099	CAUVERY RIVER D/S BARACHUKI FALLS, SATHEGALA, KOLL	KARNATAKA	20	28	6.5	7.5	8.1	8.4	150	395	1.1	2	0.52	1.8	91	260	580	1100	-	-
4101	GUNDAL RESERVOIR, GUNDAL KOLLEGALA TQ & CHAMARAJAN	KARNATAKA	20	28	6.9	7.6	7.9	8.4	118	276	1	1.6	BDL	1.5	78	220	430	840	-	-
4102	D/S OF CAUVERY AT BHAGAMANDALA BRIDGE	KARNATAKA	18	28	6.4	7.4	7.2	8.3	33	145	1.1	2	BDL	0.3	14	110	170	490	-	-
4103	D/s OF CAUVERY AT KANIVE RAMALINGESWARA TEMPLE BRI	KARNATAKA	18	26	6.8	7.4	7.2	8.2	76	204	1.2	1.8	BDL	0.8	22	78	220	460	-	-
1322	CAUVERY AT 1KM. D/S OF BHAVANI RIVER CONFL., TAMIL	TAMIL NADU	28	33	0.4	7	7.7	8.4	338	1123	0.5	23.3	BDL	0.36	22	430	49	940	-	-

Table 15.1:- Water Quality of Tributaries - Yagachi, Hemavati, Shimsa, Thirumanimuthar, Vasista, Amravati, Akravati, Kabini, Lakshmantirtha, and Sarabanga (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)	
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 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	5.6	6.8	7.2	7.6	180	360	1.8	2.2	BDL	BDL	260	450	1700	3500	-	-
1199	HEMAVATI AT D/S OF HOLENARASIPURA TOWN AT RAMADEVA	KARNATAKA	24	28	5.8	7	7.2	7.6	110	190	1.6	2	BDL	BDL	46	140	540	940	-	-
1166	SHIMSHA AT D/S OF BRIDGE, HALAGUR	KARNATAKA	25	28	4.8	6.8	7.7	8.3	280	1136	2.4	4	0.41	7.3	270	700	1700	2800	-	-
1200	SHIMSHA AT D/S OF HIGHWAY BRIDGE, YEDIYAR	KARNATAKA	23	33	4.9	7.5	6.4	8.4	170	485	3	6	0.62	3.5	58	4600	920	35000	32	63
3567	SHIMSHA D/S NEAR MADDUAR TOWN	KARNATAKA	24	26	5.7	7.1	7.6	8.2	182	714	1.3	3	BDL	5.8	270	490	1300	2400	-	-
3580	SHIMSHA AT WATER SUPPLY INTAKE POINT AT MADDUAR	KARNATAKA	22	28	6.9	7.4	7.8	8.3	144	377	1	1.8	BDL	2.5	91	330	580	1100	-	-
3022	THIRUMANIMUTHAR AT SALEM, D/S OF SAGO & TEXTILE DYEING	TAMIL NADU	24	30	2.2	6.7	7.2	8.5	1169	3390	1	21	BDL	6.25	1.8	1400	2	2600	-	-
3023	VASISTA AT SALEM, D/S OF SAGO INDUSRIES EFFLUENT	TAMIL NADU	19	31	0.9	6.9	7.2	7.9	3390	7560	1	10	BDL	0.91	1.8	61	4	17	-	-
1319	AMRAVATI AT 1KM D/S FROM EFF.DIS. PT. AT MADHUTHUKKULAM	TAMIL NADU	26	33	5.3	6.9	6.1	8.1	64	1619	1	3	BDL	0.79	14	170	24	400	-	-
1165	ARKAVATHI AT D/S OF KANAKAPURA TOWN	KARNATAKA	25	27	3.9	6.6	6.5	7.9	774	1388	5	14	1.83	26.8	480	63000	3500	540000	33	1600
2778	ARKAVATHI AT T.G. HALLI RESERVOIR	KARNATAKA	25	32.7	4.1	13	6.3	8.3	1002	1306	6	16	1.03	9	43	4600	540	54000	21	23
2779	ARKAVATHI AT HESARAGHATTA RESERVOIR,	KARNATAKA	24.8	34	0.9	7.5	6.2	8	85	1659	2	28	0.46	14.5	940	210000	5400	1600000	26	220
4108	AKRAVATHI RIVER BEFORE CONFLUENCE AT SANGAM	KARNATAKA	24	26	4	9	7.3	8.1	954	1428	4	17	BDL	25	460	12000	2400	92000	23	920
41	KABINI AT CAUSE WAY SATTUR	KARNATAKA	21	29	6.1	7.2	7.5	8.2	108	584	1.2	2.5	BDL	2.8	110	390	790	1400	-	-
1197	KABINI AT SARAGUR VILLAGE D/S,	KARNATAKA	20	28	6.5	7.2	7.4	8.2	109	391	1.2	2.5	BDL	1.9	110	380	840	1400	-	-
1207	KABINI AT MUTHANKARA, KERALA	KERALA	20	33	5.3	7.2	6.8	7.6	45	110	BDL	1.4	BDL	0.12	10	63	30	170	2	8
1445	KABINI AT WATER INTAKE OF KIADB AT NANJANGUD	KARNATAKA	20	28	6.4	7.5	7.2	8.2	96	474	1.1	2.5	BDL	1.2	93	390	700	1400	-	-
2775	KABINI AT BATHING GHAT, NANJANAGUD	KARNATAKA	21	27	5	7.3	7.2	8.3	114	499	1.2	3.6	BDL	2.1	210	840	940	2800	-	-
1196	LAKSHMANTIRTHA AT D/S OF HUNSUR TOWN	KARNATAKA	22	27	6	6.8	7.5	8.2	143	644	2	3	0.3	2.8	390	940	2100	4000	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
2772	LAKSHMANTIRTHA AT D/S OF KATTEMALAVADI,	KARNATAKA	22	29	5.8	6.5	7.3	8.3	208	640	2.2	3	0.52	2.8	410	1800	2400	3900	-	-
3572	LAKSHMANTIRTHA AT WATER SUPPLY INTAKE POINT TO HUN	KARNATAKA	22	27	5.8	7	7.5	8.3	143	700	1.4	2.8	0.3	2.1	330	940	1700	2800	-	-
3024	SARABANGA AT SALEM, D/S OF TEXTILE DYEING INDUSTRIES	TAMIL NADU	22	31	6	6.6	7.7	8.4	2130	2880	1	2	BDL	10.11	1.8	11	4	39	-	-

Table 16:- Water Quality of river Subarnrekha (2020)

Station code	Name of the Monitoring Location	State Name	Temperature (° C)		Dissolved Oxygen (mg/ L)	pH		Conductivity (μmho/ cm)		Bio-chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Fecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		Fecal Streptococci (MPN/ 100mL)		
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986					> 5.0 mg/ L	6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN / 100 mL				< 500 MPN / 100 mL		
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
23	SUBARNAREKHA AT RANCHI, (TATISILWAI)	JHARKHAND	17	25	5.4	8	6.6	7.6	-	-	2.5	6	-	-	140	150	540	930	-	-
24	SUBARNAREKHA AT JAMSHEDPUR	JHARKHAND	19	32	5	6.2	7.3	7.5	188	288	2.8	4	4.08	4.32	-	-	-	-	-	-
48	SUBARNAREKHA AT CHANDIL BRIDGE	JHARKHAND	16	33.5	7.5	8.1	7.4	7.4	152	164	BDL	1	BDL	BDL	-	-	-	-	-	-
49	SUBARNAREKHA AT D/S JAMSHEDPUR, (TATA NAGAR)	JHARKHAND	14	32	4	5.8	7.5	7.7	212	292	3.8	8	1.58	1.76	-	-	-	-	-	-
2385	SUBARNAREKHA AT NAMKUM ROAD BRIDGE	JHARKHAND	9	26	5.7	7	6.3	7.8	-	-	2.3	6.9	-	-	140	150	750	930	-	-
2386	SUBARNAREKHA AT MURI ROAD BRIDGE	JHARKHAND	11	26	7.1	8.4	7.3	7.5	-	-	2.3	3.8	-	-	140	150	540	930	-	-
2387	SUBAREKHA AT GHATISLA ROAD BRIDGE	JHARKHAND	19	35	7.2	7.8	7.4	7.4	158	176	BDL	1.1	BDL	BDL	-	-	-	-	-	-
2395	SUBARNAREKHA AT HATIA DAM	JHARKHAND	9	22	7.6	8.9	7.3	7.5	-	-	1.1	2.4	-	-	140	150	70	930	-	-
2397	SUBARNAREKHA AT GATALSUD DAM	JHARKHAND	8	23	7.6	8.5	7.2	7.5	-	-	2	2.5	-	-	140	150	84	930	-	-
2399	SUBARNAREKHA AT CHANDIL DAM	JHARKHAND	16	33	7.4	8.2	7.4	7.6	148	158	BDL	1	BDL	BDL	-	-	-	-	-	-
30067	SUBARNAREKHA AT BEHRAGORA (JHARKHAND)	INTER-STATE	26	32	5.4	8.8	7.7	8.9	209	325	2.4	2.4	BDL	0.45	490	2200	1100	35000	-	-
30068	SUBARNAREKHA AT GOPIBALLAVPUR (WEST BENGAL)	INTER-STATE	26	32	6.4	8.9	8	8.8	195	307	1.7	1.7	BDL	0.74	490	16000	790	35000	-	-
30069	SUBARNAREKHA AT LAKHANNATH (ORISSA)	INTER-STATE	26	32	6.1	9	6.9	8.9	200	315	BDL	1.5	BDL	0.39	490	1100	1100	22000	-	-

Station code	Name of the Monitoring Location	State Name	Temperature (°C)	Dissolved Oxygen (mg/ L)	pH	Conductivity (μmho/ cm)	Bio-chemical Oxygen Demand (mg/ L)	Nitrate (mg/ L)	Fecal Coliform (MPN/ 100 mL)	Total Coliform (MPN/ 100 mL)	Fecal Streptococci (MPN/ 100mL)									
Primary Water Quality Criteria (PWQC) notified by MoEF & CC under E (P) Rules, 1986				> 5.0 mg/ L	6.5 - 8.5		< 3.0 mg/ L		< 2500 MPN / 100 mL		< 500 MPN / 100 mL									
				MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX									
1641	SUBARNAREKHA AT RAJGHAT (THENGUDIA)	ODISHA	18	30	6	8.8	7.2	8.4	134	1224	1	1.8	BDL	4.75	45	2400	170	3500	-	-
4710	HALDI RIVER AT NORGHAT	WEST BENGAL	19	32	4.6	8.5	6.85	8.35	265	10430	BDL	3	1.19	4.76	3200	9400	8000	160000	-	-
4711	RASULPUR RIVER AT RASULPUR GHAT	WEST BENGAL	20	32	5.7	7.9	7.61	8.35	886	22440	BDL	2.67	0.6	2.39	400	11000	700	22000	-	-

Note: Above data is as per the information provided by the SPCBs/PCCs through EWQDES Portal. Further clarifications, if any may please be obtained from respective SPCB/PCC. All the inter-state monitoring locations are monitored by CPCB through Head Office (Delhi) and Regional Directorates.

BDL values for Dissolved Oxygen (0.3 mg/L), Conductivity (5 μmhos/cm), BOD (1 mg/L), Nitrate-N + Nitrite-N (0.3 mg/L), Faecal Coliform, Total Coliform & Faecal Streptococci (1.8 MPN/100 mL).

ABBREVIATIONS

1. **U/s** - Up-stream
2. **D/s** – Downstream
3. **A/c** – After confluence
4. **B/c** – Before Confluence
5. **BDL** – Below Detection Limit
6. **mg/L** – milligram per liter
7. **MPN/ 100 mL** – Most Probable Number/ 100 milliliter
8. **E (P) Rules1986** – Environment (Protection) Rules, 1986