

Water Quality Bulletin of State Pollution Control Board, Odisha

Criteria for Satisfactory WQI

DO >4.0 mg/L

BOD < 3 mg/L

TC < 5000 MPN/100 mL

FC < 2500 MPN/ 100 mL

RIVER

March, 2025

River system : Mahanadi

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Ib River at Sundargarh	1267	11.03.2025	1:20 PM	29	7.7	7.7	1.6	7.8	2400	790	NA	Satisfactory	
2	River Ib at Bhasma bridge	5846	11.03.2025	12:30 PM	32	7.8	6.9	1.9	16	79	11	NA	Satisfactory	
3	Ib River at Jharsuguda	1268	20.03.2025	11:29 AM	29	8.1	6.1	1.4	12	3500	1300	NA	Satisfactory	
4	Ib River at Brajrajnagar U/s	1300	20.03.2025	10:45 AM	29	7.9	5.9	1.6	12	2400	490	NA	Satisfactory	
5	Ib River at Brajrajnagar D/s	1269	20.03.2025	10:40 AM	28	7.7	5.8	1.7	15	2800	1100	NA	Satisfactory	
6	Bhedan River at Jharsuguda	2403	20.03.2025	12:00 PM	29	8.3	6.3	1.9	15	2800	1300	24	Satisfactory	
7	Hirakud reservior	1281	10.03.2025	11:35 AM	24	8	8.3	1.5	7.8	2400	490	NA	Satisfactory	
8	Power channel U/s	1270	10.03.2025	10:30 AM	24	7.5	6.3	1.7	7.8	33	13	NA	Satisfactory	
9	Power channel D/s	1271	10.03.2025	12:30 PM	24	7.6	5.8	1.9	12	110	23	NA	Satisfactory	
10	Mahanadi River at Sambalpur U/s	3887	10.03.2025	1:30 PM	25	7.5	6	1.5	7.8	490	130	NA	Satisfactory	
11	Mahanadi River at Sambalpur D/s	2405	10.03.2025	2:50 PM	25	7.5	5.7	1.7	12	1300	330	5	Satisfactory	
12	Mahandi river at Sambalpur FD/s at Shankarmath	3888	10.03.2025	3:45 PM	24	7.5	7.9	1.8	16	790	220	4	Satisfactory	
13	Mahandi river at Sambalpur FFD/s at Huma	2404	10.03.2025	4:30 PM	24	7.6	6.2	1.9	16	2800	1100	13	Satisfactory	
14	River Mahanadi at Bargarh D/s	5852	11.03.2025	12:45 PM	24	7.4	7.7	1.7	12	35000	17000	NA	Unsatisfactory	TC, FC
15	River Mahanadi at Patharaseni Mandir Baniinali Barearh	5853	11.03.2025	4:15 PM	24	7.6	7.5	1.8	12	240	79	NA	Satisfactory	
16	Mahanadi River at Sonepur U/s	1272	06.03.2025	12:21 PM	21	8.2	10.2	1.4	7.9	70	21	<1.8	Satisfactory	
17	Mahanadi river at Sonepur D/s	1274	06.03.2025	12:44 PM	20	8.4	8.3	1.6	12	1100	220	4	Satisfactory	
18	River Mahanadi at Boudh U/s	5854	06.03.2025	3:07 PM	21	8.4	10.6	1.8	16	130	33	NA	Satisfactory	
19	River Mahanadi at Boudh D/s	5855	06.03.2025	4:00 PM	21	8.2	11.5	1.7	12	490	130	NA	Satisfactory	
20	Mahanadi River at Tikarpada	1275	10.03.2025	1:45 PM	25	7.3	6.5	1.3	7.8	790	330	NA	Satisfactory	
21	Mahanadi river at Narsinghpur	1276	10.03.2025	2:55 PM	31	8	6.4	1.6	7.8	1300	330	5	Satisfactory	
22	River Mahanadi at Banki U/s	5847	10.03.2025	1:36 PM	32	7.5	6.6	2	16	790	230	NA	Satisfactory	
23	River Mahanadi at Banki D/s	5848	10.03.2025	11:03 AM	29	7.5	6.3	1.9	7.8	490	170	NA	Satisfactory	
24	Mahanadi river at Mundali	2406	10.03.2025	10:15 AM	28	7.4	7.2	1.8	7.8	3500	1300	11	Satisfactory	
25	Mahanadi river at Cuttack U/s	1277	10.03.2025	9:49 AM	26	7.4	7.9	1.9	7.8	2200	700	13	Satisfactory	
26	Mahanadi river at Cuttack D/s	1278	11.03.2025	10:00 AM	27	7.2	6.6	2.1	12	3500	1700	22	Satisfactory	
27	Mahanadi river at Cuttack F D/s	3890	11.03.2025	10:30 AM	31	7.4	6.9	2.2	12	2800	1300	NA	Satisfactory	
28	River Mahanadi at New Kourua, Nimeishapur	5849	11.03.2025	5:08 PM	29	7.2	5.8	1.6	7.8	330	170	NA	Satisfactory	
29	Mahanadi River at Paradeep U/s	2407	17.03.2025	1:11 PM	24	7.1	6.5	1.6	23	220	79	11	Satisfactory	
30	Mahanadi River at Paradeep D/s	1639	17.03.2025	3:15 PM	28	7.8	6.2	1.9	27	280	79	13	Satisfactory	

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
31	River Mahanadi at Kuanrapala	5850	25.03.2025	12:15 PM	30.8	7.5	11.3	1.7	7.7	160000	54000	NA	Unsatisfactory	TC, FC
32	River Jeera at Bargarh U/s	5851	11.03.2025	11:35 AM	25	7.5	5.9	1.6	7.8	16000	3500	NA	Unsatisfactory	TC, FC
33	Ong River at Dharuakhaman	3889	06.03.2025	11:53 AM	20	7.9	10.9	1.6	7.9	330	130	NA	Satisfactory	
34	Tel River at Monmunda	2408	06.03.2025	1:00 PM	21	7.9	11.2	1.7	12	490	130	NA	Satisfactory	
35	Kathajodi river at Cuttack U/s	3891	12.03.2025	9:46 AM	35	7.5	7	1.9	7.8	790	330	17	Satisfactory	
36	Kathajodi river at Cuttack D/s	1301	12.03.2025	1:18 PM	31	8	6	3.4	12	22000	7900	79	Unsatisfactory	BOD, TC, FC
37	Kathajodi river at Cuttack FD/s at Mattagajpur	3892	12.03.2025	11:37 AM	30	7.4	6.3	2.1	7.8	13000	3300	49	Unsatisfactory	TC, FC
38	Kathajodi river at Kamasasana	3893	12.03.2025	12:12 PM	31	7.6	6.6	2.4	7.8	2200	790	NA	Satisfactory	
39	Serua river at Cuttack FD/s at Sankhatrasa	2409	12.03.2025	12:58 PM	30	8.2	7.1	3.3	12	35000	24000	130	Unsatisfactory	BOD, TC, FC
40	Kuakhai River at Bhubaneswar FU/s	2410	10.03.2025	9:30 AM	20	7.6	7.9	1.9	12	2200	790	79	Satisfactory	
41	Kuakhai River at Bhubaneswar U/s	1279	10.03.2025	10:00 AM	21	7.9	6.3	2.2	7.9	3500	1700	94	Satisfactory	
42	Daya at Gelapur	3894	10.03.2025	11:00 AM	23	7.8	7.9	1.8	12	4900	2200	70	Satisfactory	
43	Daya River at Bhubaneswar D/s at Kanti	1280	10.03.2025	3:30 PM	24	7.4	4.3	4.2	16	160000	160000	1600	Unsatisfactory	BOD, TC, FC
44	Daya River at Bhubaneswar FD/s at Manitri	2411	10.03.2025	4:00 PM	24	7.5	4.6	4	16	160000	160000	920	Unsatisfactory	BOD, TC, FC
45	Daya River at Kanas	3895	07.03.2025	4:50 PM	29	7.8	6.3	3.5	24	92000	54000	130	Unsatisfactory	BOD, TC, FC
46	Birupa river at Choudwar D/s	1640	12.03.2025	10:36 AM	29	7.6	7.9	1.8	12	1400	490	NA	Satisfactory	
47	Gangua nallah at Rajdhani Eng. College	3896	10.03.2025	9:00 AM	23	7.4	2.6	8.3	32	160000	160000	350	Unsatisfactory	DO, BOD,TC, FC
48	Gangua nallah at Palasuni	3897	10.03.2025	10:30 AM	22	7.4	2	11	40	160000	160000	1600	Unsatisfactory	DO, BOD,TC, FC
49	Gangua nallah at Samantarapur	3898	10.03.2025	11:30 AM	23	6.8	2.6	9.3	36	160000	160000	540	Unsatisfactory	DO, BOD,TC, FC
50	Gangua nallah at Vadimula	3899	10.03.2025	3:00 PM	24	7.2	1.8	6	20	160000	160000	540	Unsatisfactory	DO, BOD,TC, FC
51	Kushabhadra River at Bhingarpur	3903	07.03.2025	11:15 AM	26	7.7	7.6	1.6	12	2800	1300	NA	Satisfactory	
52	Kushabhadra River at Nimapara	3904	07.03.2025	12:05 PM	26	7.9	7.1	1.9	12	35000	17000	NA	Unsatisfactory	TC, FC
53	Kushabhadra River at Gop	3905	07.03.2025	12:55 PM	27	7.7	6.7	2.3	24	92000	54000	NA	Unsatisfactory	TC, FC
54	Gobari River at Kendrapada U/s	3900	18.03.2025	3:00 PM	29	7.9	7.6	1.7	27	2200	1300	NA	Satisfactory	
55	Gobari River at Kendrapada D/s	3901	18.03.2025	2:30 PM	30	7.5	8.5	1.9	23	3500	1700	NA	Satisfactory	
56	Mangala River at Puri U/s	3906	07.03.2025	10:30 AM	28	7.6	7.9	1.5	16	2200	1300	NA	Satisfactory	
57	Mangala River at Puri D/s	3907	07.03.2025	1:50 PM	31	7.5	6.2	1.8	20	3500	1700	17	Satisfactory	
58	Bhargavi river at Chandanpur	3908	07.03.2025	10:05 AM	29	8.3	6.6	2	7.9	2800	1300	NA	Satisfactory	
59	Devi river at Machhagaon	3902	17.03.2025	10:46 AM	28	7.8	8.9	1.9	23	1300	330	NA	Satisfactory	
60	Luna River at Bijipur	3912	07.03.2025	2:45 PM	29	8	5.9	1.7	12	4900	2300	94	Satisfactory	
61	Sabulia near Rambha (at Jagannathpatna)	3914	04.03.2025	3:00 PM	22	7.8	6.2	1.6	7.9	2800	790	11	Satisfactory	
62	Kusumi river at Tangi	3913	04.03.2025	12:20 PM	20	7.2	5.1	1.2	7.9	3500	1700	17	Satisfactory	

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
63	Kansari river at Banapur	3909	04.03.2025	1:20 PM	22	7.7	5.2	1.4	7.9	1300	490	NA	Satisfactory	
64	Badasankha river at Langaleswar	3910	04.03.2025	4:00 PM	23	7.5	5.8	1.3	7.9	2200	790	NA	Satisfactory	
65	Ratnachira rive at Kumardihi	3911	07.03.2025	9:50 AM	27	7.4	7.3	1.9	16	1700	790	11	Satisfactory	
66	Gangua nallah at Kalijhor	SWMP	10.03.2025	8:30 AM	23	7.1	3.9	5.7	32	160000	160000	NA	Unsatisfactory	DO, BOD, TC, FC

NA : Not analysed

River system : Rushikulya

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Raselkunda Reservoir	3944	10.03.2025	1:21 PM	28	7.5	6	1.7	7.8	2400	790	NA	Satisfactory	
2	Badanadi at Aska	3946	10.03.2025	3:47 PM	28	8	6.9	1.5	7.8	3500	1100	NA	Satisfactory	
3	Rushikulya River at Aska	3945	10.03.2025	3:27 PM	26	7.9	6.6	2.1	12	2800	940	NA	Satisfactory	
4	Rushikulya River at Nalabanta	3947	10.03.2025	11:47 AM	27	8.3	5.9	1.9	7.8	2200	1100	NA	Satisfactory	
5	Rushikulya River at Madhapur	1455	11.03.2025	10:05 AM	26	7.6	6.2	1.7	12	1700	790	11	Satisfactory	
6	Rushikulya River at Pottagarh	1456	11.03.2025	10:45 AM	26	7.5	7.3	1.8	27	1300	220	8	Satisfactory	

NA : Not analysed

River system : Baitarani

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Kundra Nallah at Joda	3939	27.03.2025	3:21 PM	28	6.9	7.6	2	12	3500	1300	NA	Satisfactory	
2	Kusei at Deogaon	2421	29.03.2025	8:30 AM	25	7.2	7.9	1.4	12	2800	490	NA	Satisfactory	
3	Baitarani at Naigarh	3935	27.03.2025	10:40 PM	25	7.2	7.9	1.5	12	490	110	NA	Satisfactory	
4	Baitarani at Unchabali	3936	27.03.2025	11:04 AM	25	6.9	7.7	1.7	12	790	220	NA	Satisfactory	
5	Baitarani at Champua	3937	28.03.2025	10:43 AM	27	7.1	8	1.8	7.7	2400	490	NA	Satisfactory	
6	Baitarani at Tribindha	3938	28.03.2025	12:17 PM	27	7.1	8.3	1.4	7.7	1300	330	NA	Satisfactory	
7	Baitarani at Joda	1081	27.03.2025	4:20 PM	27	7.2	8.3	1.9	15	330	130	NA	Satisfactory	
8	Baitarani at Anandapur	1082	29.03.2025	8:06 AM	26	7.1	7.8	1.6	12	2400	790	NA	Satisfactory	
9	Baitarani River at Jajpur	1083	18.03.2025	1:35 PM	21	7.9	7.9	2	7.7	3500	790	NA	Satisfactory	
10	Baitarani River at Chandbali U/s	1084	18.03.2025	2:40 PM	28	7.5	6.6	1.4	12	2400	790	NA	Satisfactory	
11	Baitarani River at Chandbali D/s	10018	18.03.2025	3:20 PM	28	7.6	6.2	1.6	7.7	3500	1100	NA	Satisfactory	
12	Dhamra River at Dhamra	1085	18.03.2025	5:40 PM	26	7.5	5.9	1.6	19	1400	940	NA	Satisfactory	
13	Salandi River at Bhadrak U/s	3940	18.03.2025	10:10 AM	26	7.7	5.5	1.8	7.7	1700	490	NA	Satisfactory	
14	Salandi River at Bhadrak D/s	3941	18.03.2025	10:50 AM	26	7.7	5.9	1.9	12	2800	790	NA	Satisfactory	

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15	Salandi River at Bhadrak FD/s 1	SWMP	18.03.2025	11:35 AM	27	7.4	6	1.5	15	1300	330	NA	Satisfactory	
16	Salandi River at Bhadrak FD/s 2	SWMP	18.03.2025	12:10 PM	27	7.5	6.1	1.6	12	2400	790	NA	Satisfactory	
17	Salandi River at Bhadrak FD/s 3	SWMP	18.03.2025	12:45 PM	28	7.3	5.3	1.6	12	790	230	NA	Satisfactory	
18	Baitarani at Bhulbeda	SWMP	27.03.2025	12:01 PM	26	7.2	7.9	1.9	12	490	110	NA	Satisfactory	

NA : Not analysed

River system : Brahmani

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Brahmani River at Panposh U/s	1037	11.03.2025	12:35 PM	28	7.1	7.9	1.6	7.8	2800	1100	NA	Satisfactory	
2	Brahmani River at Panposh D/s	1038	11.03.2025	10:53 AM	23	6.5	4.9	4.2	19	17000	4900	33	Unsatisfactory	BOD, TC, FC
3	Brahmani River at Rourkela D/s	1302	11.03.2025	10:14 AM	25	6.6	6.8	3.4	12	1300	330	23	Unsatisfactory	BOD
4	Brahmani River at Attaghat	3916	12.03.2025	12:05 PM	32	6.6	7.9	2.3	7.8	330	110	NA	Satisfactory	
5	Brahmani River at Birtola	2414	12.03.2025	11:24 AM	31	6.9	7.6	1.9	7.8	490	130	NA	Satisfactory	
6	Brahmani River at Bonaigarh	1039	12.03.2025	9:51 AM	26	7.2	7.2	2	12	1300	330	NA	Satisfactory	
7	Brahmani river at Rengali	1040	12.03.2025	4:40 PM	25	7.4	6.7	1.6	7.8	350	130	NA	Satisfactory	
8	Brahmani river at Samal	1041	12.03.2025	1:00 PM	25	7.2	6.9	1.5	12	3500	790	NA	Satisfactory	
9	Brahmani river at Talcher FU/s	2415	12.03.2025	11:50 AM	25	7.1	7.1	1.6	16	1300	330	NA	Satisfactory	
10	Brahmani river at Talcher U/s	1303	12.03.2025	10:20 AM	25	7.1	7.9	1.5	7.8	1700	790	NA	Satisfactory	
11	Brahmani river at Mandapal	3917	12.03.2025	11:00 AM	25	7.1	7.6	1.6	7.8	3500	1700	13	Satisfactory	
12	Brahmani river at Talcher D/s	1042	11.03.2025	9:00 AM	24	7.1	6.9	1.9	12	2800	1300	NA	Satisfactory	
13	Brahmani river at Talcher FD/s	2416	11.03.2025	10:50 AM	24	6.9	7.2	1.8	7.8	1400	490	NA	Satisfactory	
14	River Nandira at Paranga MIP	5861	10.03.2025	8:30 AM	26	7.3	7.8	2	7.8	2200	490	NA	Satisfactory	
15	Nandira U/s at Kukudanga	3919	12.03.2025	8:40 AM	24	7.2	7.8	1.8	7.8	1100	220	NA	Satisfactory	
16	Nandira D/s at Dasanali	3920	12.03.2025	9:30 AM	25	7.5	7.3	1.9	7.8	1300	230	<1.8	Satisfactory	
17	Kisinda jhor at Kharagprasad	3921	11.03.2025	9:35 AM	24	7.3	7.1	2.1	7.8	1400	490	NA	Satisfactory	
18	Brahmani river at Dhenkanal U/s	3918	11.03.2025	1:40 PM	25	7.2	6.9	1.7	7.8	1700	490	NA	Satisfactory	
19	Brahmani river at Dhenkanal D/s	2417	11.03.2025	4:25 PM	24	7.3	6.8	2	12	2200	790	NA	Satisfactory	
20	Brahmani river at Bhuban	1043	11.03.2025	3:35 PM	26	7.2	7.1	1.7	7.8	3500	1300	NA	Satisfactory	
21	Brahmani River at Kabatabandha	2418	17.03.2025	5:10 PM	22	8.5	6.8	1.4	7.7	1700	490	NA	Satisfactory	

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22	Brahmani at Dharmasala U/s	1044	18.03.2025	11:20 AM	23	8.2	6.6	1.7	7.7	2800	1300	NA	Satisfactory	
23	Brahmani River at Dharmasala D/s	10019	18.03.2025	11:00 AM	23	8.1	7	1.9	12	3500	1400	NA	Satisfactory	
24	Brahmani River at Pottamundai	1045	18.03.2025	1:00 PM	30	7.9	6.4	2	19	3500	490	NA	Satisfactory	
25	Kharasrota River at Khanditara	2419	18.03.2025	10:20 AM	22	8.1	6.9	2	7.7	790	220	NA	Satisfactory	
26	Kharasrota River at Binjharpur	3922	18.03.2025	12:45 PM	22	8.1	7.3	1.5	7.7	1400	490	NA	Satisfactory	
27	Kharasrota River at Aul	2420	18.03.2025	1:20 PM	29	7.6	8.9	1.7	19	2800	1700	NA	Satisfactory	
28	Sankha U/s	2412	11.03.2025	12:13 PM	23	6.8	7.3	1.7	7.8	1300	490	NA	Satisfactory	
29	River Mandiakudar	5857	11.03.2025	11:42 AM	21	7.2	7.9	2.1	12	130	49	NA	Satisfactory	
30	Koel U/s	2413	11.03.2025	9:27 AM	22	7.1	7.3	1.5	7.8	1700	700	NA	Satisfactory	
31	River Jhirpani	5856	11.03.2025	9:00 AM	23	7.3	8.1	1.9	7.8	2400	790	NA	Satisfactory	
32	Guradih Nallah	3923	12.03.2025	8:57 AM	27	6.9	3.5	5	39	35000	17000	79	Unsatisfactory	DO, BOD,TC, FC
33	River Gohira Bridge	5858	12.03.2025	2:06 PM	24	8.5	7.6	1.8	12	110	33	NA	Satisfactory	
34	River Tikera at Talabahal	5859	12.03.2025	12:45 PM	25	7.6	7	1.6	7.8	16000	2800	NA	Unsatisfactory	TC, FC
35	Bada jhor at Latadeipur	3924	11.03.2025	5:30 PM	23	7.6	6.9	1.7	12	3500	1700	NA	Satisfactory	
36	Damsala Nallah at Dayanabil	3933	17.03.2025	4:10 PM	22	8.1	7.3	1.6	12	1100	330	NA	Satisfactory	
37	Ganda Nallah at Marthapur	3934	17.03.2025	6:10 PM	22	7.6	7.8	1.8	15	1300	220	NA	Satisfactory	
38	Karo at Barbil	3915	27.03.2025	2:45 PM	27	7.1	8.1	1.6	7.7	2800	490	NA	Satisfactory	
39	Lingira River at Angul U/s	3925	10.03.2025	11:00 AM	26	7.6	7	1.6	7.8	2200	790	NA	Satisfactory	
40	Lingira River at Angul D/s	3926	10.03.2025	10:15 AM	26	7.9	6.6	1.8	12	2800	1300	NA	Satisfactory	
41	River Lingira FD/s Motanga Weekly market NH-55	5860	11.03.2025	9:50 AM	24	7.3	6.9	1.9	12	330	130	NA	Satisfactory	
42	Ramiala river at Kamakhyanagar	3932	11.03.2025	2:20 PM	25	7.4	7.8	1.8	7.8	1300	330	NA	Satisfactory	
43	Banguru nallah	3930	12.03.2025	12:45 PM	24	7.2	7.3	1.9	12	1400	330	11	Satisfactory	
44	Singra jhor	3929	12.03.2025	1:30 PM	24	7.7	6.3	1.9	7.8	1300	170	NA	Satisfactory	
45	Tikira River at Kaniha U/s	3927	12.03.2025	4:00 PM	25	7.7	7.5	2	7.8	1400	490	NA	Satisfactory	
46	Tikira River at Kaniha D/s	3928	12.03.2025	3:20 PM	25	7.5	6.8	1.6	16	1700	790	NA	Satisfactory	
47	Bangurusingra jhor	3931	11.03.2025	12:35 PM	25	7.4	6.9	1.7	7.8	1100	230	NA	Satisfactory	

NA : Not analysed

River system : Budhabalanga

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Budhabalanga River at Baripada D/s	2423	17.03.2025	5:40 PM	26	8.1	6.6	2.2	12	2800	1300	22	Satisfactory	
2	Budhabalanga River at Balasore U/s	3943	19.03.2025	11:40 AM	26	8.1	7.1	1.9	15	2200	790	NA	Satisfactory	
3	Budhabalanga River at Balasore D/s	2424	19.03.2025	4:10 PM	28	7.8	6.9	1.6	12	2800	1100	NA	Satisfactory	
4	Budhabalanga River at Saslapal (Bangiriposi)	5863	17.03.2025	10:50 AM	27	8	7	1.4	15	330	110	NA	Satisfactory	
5	Sone river at Remuna	3942	19.03.2025	9:35 AM	26	7.6	6.4	1.4	12	1700	790	NA	Satisfactory	

NA : Not analysed

River system : Vansadhara

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Vansadhara River at Gunupur	2426	11.03.2025	10:54 AM	23	8.5	8	1.6	7.8	790	220	NA	Satisfactory	
2	Vansadhara River at Muniguda	2427	11.03.2025	8:56 AM	22	8.2	7.3	1.8	7.8	330	130	NA	Satisfactory	

NA : Not analysed

River system : Subarnarekha

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Subarnarekha River at Rajghat	1641	19.03.2025	1:50 PM	28	8.2	6.3	1.7	7.7	1100	270	NA	Satisfactory	
2	Subarnarekha River at Jharanokharia (Pandra)	5862	17.03.2025	1:45 PM	28	8.1	7.2	1.5	15	490	170	NA	Satisfactory	

NA : Not analysed

River system : Nagavali

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Nagavali River at Penta U/s	2422	11.03.2025	1:24 PM	24	8.4	8.1	1.5	7.8	2200	790	NA	Satisfactory	
2	Nagavali River at Jayakaypur D/s	1642	11.03.2025	12:54 PM	24	7.9	8.3	1.6	12	1300	490	13	Satisfactory	
3	Nagavali River at Rayagada D/s	1643	11.03.2025	2:16 PM	23	8.3	7.9	1.7	7.8	1100	330	11	Satisfactory	

NA : Not analysed

River system : Kolab

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Kerandi River at Sunabeda	2425	12.03.2025	12:48 PM	18	7.5	6.8	1.7	12	330	130	NA	Satisfactory	

NA : Not analysed

River system : Indravati

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Indravati River at Nabarangpur	3948	12.03.2025	8:09 AM	15	7.6	7.1	1.5	19	1300	330	NA	Satisfactory	

NA : Not analysed

River system : Bahuda

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
1	Bahuda river at Damodarpalli	3949	10.03.2025	5:22 PM	26	8.4	7.7	1.8	12	2200	790	NA	Satisfactory	

NA : Not analysed

March, 2025

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	FS, MPN/100 mL	WQI	Non-conforming parameter (s)
Bhitarkanika Ramsar Site	Gobari River at Jamboo	5532	18.03.2025	9:30 AM	29	7.6	9.1	1.8	31	1700	790	NA	Satisfactory	
	Patsala River at Gupti	5534	18.03.2025	11:00 AM	28	7.7	5.8	1.6	31	1300	490	NA	Satisfactory	
	Hansua river at Barunei	5533	18.03.2025	12:30 PM	30	7.7	6.9	1.6	23	3500	1700	NA	Satisfactory	
	Dhamra River at Kalibhanjadia	5535	18.03.2025	2:26 PM	30	8	7.7	1.7	29	2200	490	NA	Satisfactory	
	Bhitarkanika River at Dangamala	5536	18.03.2025	12:30 PM	29	7.8	6.9	1.9	31	790	230	NA	Satisfactory	

OTHER SURFACE WATER BODIES

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
Coastal Water	Sea at Gopalpur	2441	11.03.2025	2:05 PM	28	8	6.3	1.7	39	240	33	Conforming to Class-SW II
	Sea, Swargadwar, Puri	2439	07.03.2025	3:25 PM	29	8.2	7	2	40	<1.8	<1.8	Conforming to Class-SW II
	Sea at Paradeep	2440	17.03.2025	3:59 PM	29	7.9	7.1	1.6	31	<1.8	<1.8	Conforming to Class-SW II
	Sea, Baliapanda, Puri	SWMP	07.03.2025	3:15 PM	29	8.3	6.8	1.9	40	<1.8	<1.8	Conforming to Class-SW II
	Sea, Bankimuhan, Puri	SWMP	07.03.2025	3:50 PM	28	7.9	6.6	2.1	32	350	79	Conforming to Class-SW II
Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
Anshupa lake	Anshupa Lake at Kadalibari	2438	10.03.2025	12:23 PM	29	7.3	6.5	1.9	7.8	2200	1100	Conforming to Class-C & D
	Anshupa Lake at Bishnupur	3956	10.03.2025	11:36 AM	27	7.1	6.2	2.2	7.8	2800	1400	Conforming to Class-C & D
	Anshupa Lake at Subarnapur	3955	10.03.2025	12:00 PM	28	7.2	6.8	2.1	7.8	1300	490	Conforming to Class-C & D
	Anshupa Lake at Sarandagarh	3957	10.03.2025	12:12 PM	28	7.1	6.6	1.8	7.8	3500	1700	Conforming to Class-C & D

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
Chilika Lake	Chilika lake at Rambha	3953	12.03.2025	11:00 AM	28	8.4	7.9	2.2	29	330	78	Conforming to Class-SW II
	Chilika lake at Satapada	2437	07.03.2025	12:00 PM	30	8.2	7.7	1.6	24	3500	1300	Not Conforming to Class-SW II w.r.t. FC
Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
Other lakes/ Dams/ Reservoirs	Tampara lake, Ganjam District	3954	11.03.2025	1:15 PM	28	7.8	4.4	4	23	2800	1100	Not Conforming to Class-C w.r.t. BOD
	Taleisar Resort (Reservoir), Deogarh District	5864	12.03.2025	11:18 AM	24	7.5	7.1	1.7	7.8	79	17	Conforming to Class-C
	Kansbahal Dam, Sundargarh District	5866	11.03.2025	5:00 PM	27	7.6	6.9	1.9	16	2200	490	Conforming to Class-C
	Mandira Dam, Sundargarh District	5867	11.03.2025	3:30 PM	27	7.7	7.4	2	16	49	13	Conforming to Class-C
	Sarafgarh Dam, Sundargarh District	5865	11.03.2025	10:50 AM	28	7.7	7	1.8	7.8	49	13	Conforming to Class-C
	Rukuda Dam, Sundargarh District	5868	12.03.2025	10:39 PM	28	7.2	7.1	2	7.8	130	33	Conforming to Class-C
	Chhatisha Benapata at Balipur, Choudwar	5871	11.03.2025	3:45 PM	33	7.3	6.9	1.7	7.8	490	130	Conforming to Class-C
	Chhatisha Benapata at Nuagaon, Choudwar	5872	11.03.2025	1:44 PM	35	6.8	5.4	2.9	16	9200	2400	Not Conforming to Class-C w.r.t. TC and FC
	Chhatisha Benapata at Sasanga, Choudwar	5870	11.03.2025	3:02 PM	34	6.6	5.8	2.5	12	5400	2400	Not Conforming to Class-C w.r.t. TC and FC
	Chhatisha Benapata at Bandalo, Choudwar	5869	11.03.2025	12:34 PM	34	6.7	7.9	2	7.8	1300	330	Conforming to Class-C
Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
Atharbanki Creek	Atharbanki Creek	3961	17.03.2025	8:19 AM	28	7.5	7.5	2	23	1300	330	Not Conforming to Class-SW II w.r.t. FC

GROUND WATER

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/L	BOD, mg/L	COD, mg/L	NO ₃ ^{-N} , mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
1	Borewell Badaputi vilage near IREL, Chhatrapur	5886	11.03.2025	1:45 PM	26	7.9	5.9	1.8	7.8	0.972	<1.8	<1.8	Conform to drinking water specification
2	GW 1, Mahanadi Vihar(Mahanadi Vihar- Nayabazar Road, Cuttack	5877	13.03.2025	10:41 AM	27	6.9	7.9	<1.0	7.8	5.229	<1.8	<1.8	Conform to drinking water specification
3	GW 2, LIC Colony(Jobra Canal Road, Near Settlement Office,Cuttack)	5878	13.03.2025	9:58 AM	27	7.1	7.6	<1.0	12	0.991	<1.8	<1.8	Conform to drinking water specification
4	GW 3,Baliyatra Ground (Opposite to Gadagadeswar temple, Cuttack)	5879	13.03.2025	9:46 AM	26	7.2	7.4	<1.0	12	0.317	<1.8	<1.8	Conform to drinking water specification
5	GW 9,Inside the premises of Sardar Vallabhbbhai Patel Post Graduate Institute of Pediatrics, Shishu Bhawan, Cuttack	5880	13.03.2025	9:28 AM	28	7.3	7.9	<1.0	12	3.696	<1.8	<1.8	Conform to drinking water specification
6	GW 10, Ring Road, Khan Nagar, Surya Vihar, Cuttack	5881	13.03.2025	11:21 AM	28	7.2	8.6	1.2	16	0.475	<1.8	<1.8	Conform to drinking water specification
7	GW 11, Bidyadharpur, Paradeep Road, Cuttack	5882	13.03.2025	11:00 AM	26	7.3	6.8	<1.0	16	0.447	<1.8	<1.8	Conform to drinking water specification
8	Borewell at District Head Quarter Hospital, Mayurbhanj	5885	17.03.2025	4:35 PM	25	7.3	6.9	<1.0	7.7	1.785	<1.8	<1.8	Conform to drinking water specification
9	Borewell at District Head Quarter Hospital, Balasore	5884	19.03.2025	5:35 PM	25	7.6	7	<1.0	12	0.399	<1.8	<1.8	Conform to drinking water specification
10	Borewell near Urban common toilet inside Pattamundai municipality	5883	25.03.2025	10:00 AM	28.9	7.8	<0.3	<1.0	7.7	0.397	<1.8	<1.8	Conform to drinking water specification