

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

May, 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	06.05.2025	2:09 PM	35	7.7	7.9	1.5	7.8	170	79	0	Satisfactory	
2	River Ib at Bhasma bridge	5846	06.05.2025	12:42 PM	33	8.4	6.8	1.7	12	130	33	0	Satisfactory	
3	Ib River at Jharsuguda	1268	14.05.2025	9:45 AM	30	6.7	6.9	1.4	16	3500	1300	0	Satisfactory	
4	Ib River at Brajrajnagar U/s	1300	14.05.2025	9:20 AM	30	7.1	6.2	1.6	12	2400	790	0	Satisfactory	
5	Ib River at Brajrajnagar D/s	1269	14.05.2025	9:05 AM	30	7.1	7.1	1.5	19	2800	1300	0	Satisfactory	
6	Bhedan River at Jharsuguda	2403	14.05.2025	10:25 AM	31	7.3	7.2	1.6	16	490	130	5	Satisfactory	
7	Hirakud reservior	1281	06.05.2025	10:55 AM	26	7.8	6.5	1.7	12	490	170	0	Satisfactory	
8	Power channel U/s	1270	06.05.2025	10:05 AM	26	7.7	6.8	1.8	12	330	130	0	Satisfactory	
9	Power channel D/s	1271	06.05.2025	11:45 AM	26	7.5	6.4	1.9	16	490	130	0	Satisfactory	
10	Mahanadi River at Sambalpur U/s	3887	06.05.2025	12:35 PM	26	7.5	7.8	1.7	7.8	2400	790	0	Satisfactory	
11	Mahanadi River at Sambalpur D/s	2405	06.05.2025	1:25 PM	26	7.8	7.2	1.8	12	3500	1300	7	Satisfactory	
12	Mahandi river at Sambalpur FD/s at Shankarmath	3888	06.05.2025	3:20 PM	26	7.6	7.5	1.9	16	1300	330	5	Satisfactory	
13	Mahandi river at Sambalpur FFD/s at Huma	2404	06.05.2025	4:30 PM	26	7.9	7.9	2	16	2400	790	8	Satisfactory	
14	River Mahanadi at Bargarh D/s	5852	07.05.2025	11:35 AM	26	7.7	8.2	1.7	16	1300	490	0	Unsatisfactory	TC, FC
15	River Mahanadi at Patharaseeni Mandir, Baniipali, Bargarh	5853	07.05.2025	4:15 PM	26	7.8	8.4	1.8	12	2800	1400	0	Satisfactory	
16	Mahanadi River at Sonepur U/s	1272	06.05.2025	10:13 AM	23	7.7	7.2	1.5	12	490	130	<1.8	Satisfactory	
17	Mahanadi river at Sonepur D/s	1274	06.05.2025	11:14 AM	25	8.2	7.9	1.6	16	3500	1300	11	Satisfactory	
18	River Mahanadi at Boudh U/s	5854	07.05.2025	7:26 AM	21	8.1	8.1	1.6	12	1700	490	0	Satisfactory	
19	River Mahanadi at Boudh D/s	5855	07.05.2025	8:16 AM	21	8.1	7.5	1.7	16	24000	7900	0	Unsatisfactory	TC, FC
20	Mahanadi River at Tikarpada	1275	07.05.2025	11:00 AM	27	7.7	6.8	1.4	7.8	1100	330	<1.8	Satisfactory	
21	Mahanadi river at Narsinghpur	1276	05.05.2025	1:52 PM	33	7.7	8.1	1.5	12	1300	490	23	Satisfactory	
22	River Mahanadi at Banki U/s	5847	05.05.2025	2:25 PM	33	8.3	7.7	1.7	7.8	3500	1300	0	Satisfactory	
23	River Mahanadi at Banki D/s	5848	05.05.2025	11:14 AM	32	8.2	8.2	1.8	12	4900	2200	0	Satisfactory	
24	Mahanadi river at Mundali	2406	05.05.2025	10:37 AM	35	7.9	7.6	1.6	12	3500	1300	49	Satisfactory	
25	Mahanadi river at Cuttack U/s	1277	05.05.2025	10:18 AM	34	8.1	7.7	1.7	16	2400	790	11	Satisfactory	
26	Mahanadi river at Cuttack D/s	1278	06.05.2025	7:33 AM	26	7.8	8	1.9	19	4900	2300	13	Satisfactory	
27	Mahanadi river at Cuttack F D/s	3890	06.05.2025	7:50 AM	27	7.7	7.9	1.8	19	3300	1700	11	Satisfactory	
28	River Mahanadi at New Kourua, Nimeishapur	5849	06.05.2025	8:10 AM	26	7.5	8.3	1.1	12	4900	2300	0	Satisfactory	
29	Mahanadi River at Paradeep U/s	2407	22.05.2025	12:35 PM	32	6.9	6.4	1.7	12	240	79	8	Satisfactory	

30	Mahanadi River at Paradeep D/s	1639	22.05.2025	1:35 PM	31	8	7.3	1.8	19	240	130	11	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	22.05.2025	9:15 AM	31.5	7.6	7.4	1.9	12	3500	1700	0	Satisfactory	
32	River Jeera at Bargarh U/s	5851	07.05.2025	12:30 PM	26	7.8	8.4	1.5	7.8	790	330	0	Satisfactory	
33	Ong River at Dharuakhaman	3889	06.05.2025	9:40 AM	22	8	7.8	1.8	16	790	330	0	Satisfactory	
34	Tel River at Monmunda	2408	06.05.2025	10:47 AM	24	8.2	8.3	1.7	12	490	130	0	Satisfactory	
35	Kathajodi river at Cuttack U/s	3891	07.05.2025	9:43 AM	29	7.8	8.3	1.5	12	2200	790	0	Satisfactory	
36	Kathajodi river at Cuttack D/s	1301	07.05.2025	1:29 PM	33	8	5.9	3.4	19	13000	3300	49	Unsatisfactory	BOD, TC, FC
37	Kathajodi river at Cuttack FD/s at Mattagajour	3892	07.05.2025	11:43 AM	30	7.6	8.6	2.8	16	7900	3300	79	Unsatisfactory	TC, FC
38	Kathajodi river at Kamasasana	3893	07.05.2025	12:25 PM	33	7.8	8.5	1.6	12	1300	330	0	Satisfactory	
39	Serua river at Cuttack FD/s at Sankhatrasa	2409	07.05.2025	1:08 PM	31	8.3	5.8	3.3	19	11000	4900	110	Unsatisfactory	BOD, TC, FC
40	Kuakhai River at Bhubaneswar FU/s	2410	02.05.2025	7:30 AM	27	7.1	6.1	1.9	7.9	1300	490	13	Satisfactory	
41	Kuakhai River at Bhubaneswar U/s	1279	02.05.2025	8:45 AM	26	7.4	7.9	2	7.9	3500	790	23	Satisfactory	
42	Daya at Gelapur	3894	02.05.2025	10:30 AM	27	8.4	7.5	1.8	7.9	2400	330	17	Satisfactory	
43	Daya River at Bhubaneswar D/s at Kanti	1280	02.05.2025	12:05 PM	27	7.3	4.1	4.4	16	92000	54000	540	Unsatisfactory	DO,BOD, TC, FC
44	Daya River at Bhubaneswar FD/s at Manitri	2411	02.05.2025	11:40 AM	26	7.3	7.8	4	16	35000	13000	240	Unsatisfactory	BOD, TC, FC
45	Daya River at Kanas	3895	06.05.2025	3:05 PM	32	7.4	7.3	1.4	7.8	4900	1700	17	Satisfactory	
46	Birupa river at Choudwar D/s	1640	06.05.2025	9:19 AM	30	7.7	7.9	1.6	7.8	940	490	0	Satisfactory	
47	Gangua nallah at Rajdhani Eng. College	3896	01.05.2025	9:25 AM	25	6.7	<0.3	10	55	160000	160000	280	Unsatisfactory	DO, BOD,TC, FC
48	Gangua nallah at Palasuni	3897	01.05.2025	10:50 AM	25	6.8	<0.3	14	63	160000	160000	220	Unsatisfactory	DO, BOD,TC, FC
49	Gangua nallah at Samantarapur	3898	01.05.2025	12:50 PM	26	6.9	<0.3	18	79	160000	160000	280	Unsatisfactory	DO, BOD,TC, FC
50	Gangua nallah at Vadimula	3899	01.05.2025	4:00 PM	26	7.1	1.7	8.3	40	160000	160000	350	Unsatisfactory	DO, BOD,TC, FC
51	Kushabhada River at Bhingarpur	3903	06.05.2025	11:00 AM	31	7.4	7.6	1.3	16	3500	1300	0	Satisfactory	
52	Kushabhada River at Nimapara	3904	06.05.2025	12:45 PM	32	7.2	7.4	1.6	19	13000	3300	0	Unsatisfactory	TC, FC
53	Kushabhada River at Gop	3905	06.05.2025	12:16 PM	32	6.8	7.3	1.5	16	35000	13000	0	Unsatisfactory	TC, FC
54	Gobari River at Kendrapada U/s	3900	21.05.2025	3:14 PM	33	7.5	6.6	1.6	12	1100	330	0	Satisfactory	
55	Gobari River at Kendrapada D/s	3901	21.05.2025	2:56 PM	34	7.7	6.4	1.8	15	3500	1300	0	Satisfactory	
56	Mangala River at Puri U/s	3906	08.05.2025	8:30 AM	25	8.1	5.7	1.8	12	1300	330	0	Satisfactory	
57	Mangala River at Puri D/s	3907	08.05.2025	9:00 AM	25	7.6	5.4	3.5	16	1700	790	11	Unsatisfactory	BOD
58	Bhargavi river at Chandanpur	3908	08.05.2025	8:00 AM	25	7.8	6.5	1.8	16	3500	1300	0	Satisfactory	
59	Devi river at Machhagaon	3902	22.05.2025	10:40 AM	33	8	7.4	1.6	15	700	230	0	Satisfactory	
60	Luna River at Bijipur	3912	06.05.2025	4:15 PM	32	7.5	7.6	1.5	12	1700	790	11	Satisfactory	
61	Sabulia near Rambha (at Jagannathoatna)	3914	06.05.2025	1:30 PM	27	7.2	6.6	1.9	16	2800	490	33	Satisfactory	
62	Kusumi river at Tangi	3913	06.05.2025	12:00 PM	26	7.1	6.5	1.7	16	3500	1700	34	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	06.05.2025	2:30 PM	25	7.4	6.1	1.6	7.8	2800	1300	0	Satisfactory	
64	Badasankha river at Langaleswar	3910	06.05.2025	3:10 PM	26	7.6	6.4	1.8	12	2200	790	0	Satisfactory	
65	Ratnachira rive at Kumardihi	3911	08.05.2025	7:30 AM	23	7.1	6.8	2	19	490	170	0	Satisfactory	
66	Gangua nallah at Kalijhor	SWMP	01.05.2025	8:45 AM	24	6.8	3.2	4.2	24	160000	160000	0	Unsatisfactory	DO, BOD, TC, FC

NA : Not analysed

River system : Rushikulya

May, 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	06.05.2025	11:20 AM	31	8	7.6	1.5	7.8	330	110	0	Satisfactory	
2	Badanadi at Aska	3946	06.05.2025	12:27 PM	33	8.3	7.9	1.4	16	330	130	0	Satisfactory	
3	Rushikulya River at Aska	3945	06.05.2025	12:40 PM	32	8.3	8.3	1.9	12	490	170	0	Satisfactory	
4	Rushikulya River at Nalabanta	3947	06.05.2025	10:04 AM	30	8.1	7.7	1.6	16	490	130	0	Satisfactory	
5	Rushikulya River at Madhapur	1455	07.05.2025	9:09 AM	29	7.4	7.5	1.7	16	790	230	7	Satisfactory	
6	Rushikulya River at Pottagarh	1456	07.05.2025	8:35 AM	29	7.4	8.3	1.8	19	330	110	8	Satisfactory	

NA : Not analysed

River system : Baitarani

May, 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	15.05.2025	2:00 PM	31	7.2	7.7	2.1	19	2400	790	0	Satisfactory	
2	Kusei at Deogaon	2421	19.05.2025	6:58 AM	29	7.8	6.3	2.2	12	330	78	0	Satisfactory	
3	Baitarani at Naigarh	3935	15.05.2025	11:23 AM	29	6.8	5.2	1.7	7.7	790	170	0	Satisfactory	
4	Baitarani at Unchabali	3936	15.05.2025	11:52 AM	29	6.8	5.1	1.8	15	330	130	0	Satisfactory	
5	Baitarani at Champua	3937	16.05.2025	11:12 AM	30	7.1	8.1	1.5	12	790	220	0	Satisfactory	
6	Baitarani at Tribindha	3938	16.05.2025	10:01 AM	30	7.3	7.9	1.8	15	630	170	0	Satisfactory	
7	Baitarani at Joda	1081	15.05.2025	5:10 PM	30	7.4	7.9	1.8	7.7	330	110	0	Satisfactory	
8	Baitarani at Anandapur	1082	19.05.2025	6:28 AM	29	7.3	7.6	1.9	12	2200	490	0	Satisfactory	
9	Baitarani River at Jajpur	1083	07.05.2025	10:30 AM	32	7.8	6.5	1.7	19	3500	1100	0	Satisfactory	
10	Baitarani River at Chandbali U/s	1084	14.05.2025	2:40 PM	32	7.4	7.5	1.6	16	490	130	0	Satisfactory	
11	Baitarani River at Chandbali D/s	10018	14.05.2025	3:15 PM	32	7.6	7.1	1.7	19	790	230	0	Satisfactory	
12	Dhamra River at Dhamra	1085	14.05.2025	5:20 PM	30	7.7	6.9	1.4	19	790	220	0	Satisfactory	
13	Salandi River at Bhadrak U/s	3940	14.05.2025	9:40 AM	29	7.5	6.7	1.5	16	1700	330	0	Satisfactory	
14	Salandi River at Bhadrak D/s	3941	14.05.2025	10:20 AM	29	7.4	7.3	1.7	19	2800	1100	0	Satisfactory	

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15	Salandi River at Bhadrak FD/s 1	SWMP	14.05.2025	10:55 AM	29	7.3	7.3	1.8	16	2200	790	0	Satisfactory	
16	Salandi River at Bhadrak FD/s 2	SWMP	14.05.2025	11:40 AM	30	7.1	6.4	1.9	12	3500	1700	0	Satisfactory	
17	Salandi River at Bhadrak FD/s 3	SWMP	14.05.2025	12:15 PM	30	7.1	7.2	1.9	12	1700	790	0	Satisfactory	
18	Baitarani at Bhulbeda	SWMP	15.05.2025	12:45 PM	31	7.5	8.3	2	12	2800	1100	0	Satisfactory	

NA : Not analysed

River system : Brahmani

May, 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	06.05.2025	8:04 AM	26	7.8	7	1.8	7.8	240	79	0	Satisfactory	
2	Brahmani River at Panposh D/s	1038	06.05.2025	10:31 AM	29	7.6	5.1	3.6	23	9400	4900	33	Unsatisfactory	BOD, TC, FC
3	Brahmani River at Rourkela D/s	1302	06.05.2025	10:10 AM	29	7.5	5.6	3.4	23	7900	3300	23	Unsatisfactory	BOD, TC, FC
4	Brahmani River at Attaghat	3916	07.05.2025	11:40 AM	30	7.6	7.3	2.4	16	220	79	<1.8	Satisfactory	
5	Brahmani River at Birtola	2414	07.05.2025	10:50 AM	31	7.7	7.5	1.8	12	130	33	<1.8	Satisfactory	
6	Brahmani River at Bonaigarh	1039	07.05.2025	10:30 AM	31	7.7	7.9	1.6	16	170	33	0	Satisfactory	
7	Brahmani river at Rengali	1040	05.05.2025	4:40 PM	26	7.5	7.1	1.5	12	490	170	0	Satisfactory	
8	Brahmani river at Samal	1041	05.05.2025	12:30 PM	26	7.4	6.8	1.3	7.8	2400	490	0	Satisfactory	
9	Brahmani river at Talcher FU/s	2415	05.05.2025	11:20 AM	26	7.1	6.9	1.4	12	790	230	0	Satisfactory	
10	Brahmani river at Talcher U/s	1303	05.05.2025	10:10 AM	26	7.1	7.2	1.5	7.8	940	330	0	Satisfactory	
11	Brahmani river at Mandapal	3917	05.05.2025	10:40 AM	26	7.1	7.3	1.5	7.8	4900	2200	17	Satisfactory	
12	Brahmani river at Talcher D/s	1042	06.05.2025	8:10 AM	25	6.9	6.7	1.6	16	1300	490	0	Satisfactory	
13	Brahmani river at Talcher FD/s	2416	06.05.2025	9:00 AM	26	7.2	6.9	1.8	16	490	130	0	Satisfactory	
14	River Nandira at Paranga MIP	5861	07.05.2025	9:30 AM	25	8.1	6.8	1.7	12	790	220	0	Satisfactory	
15	Nandira U/s at Kukudanga	3919	05.05.2025	8:40 AM	25	7.7	7.8	1.6	7.8	790	130	0	Satisfactory	
16	Nandira D/s at Dasanali	3920	05.05.2025	9:30 AM	25	7.5	7.4	1.7	7.8	1300	330	<1.8	Satisfactory	
17	Kisinda jhor at Kharagprasad	3921	06.05.2025	8:30 AM	25	7.4	6.9	1.5	7.8	2400	490	0	Satisfactory	
18	Brahmani river at Dhenkanal U/s	3918	06.05.2025	11:00 AM	26	7.1	6.7	1.4	7.8	2800	940	0	Satisfactory	
19	Brahmani river at Dhenkanal D/s	2417	06.05.2025	1:30 PM	26	7.1	7.1	1.6	16	3500	1300	0	Satisfactory	
20	Brahmani river at Bhuban	1043	06.05.2025	12:00 PM	26	7.2	7.3	1.5	7.8	3500	1700	0	Satisfactory	
21	Brahmani River at Kabatabandha	2418	08.05.2025	12:25 PM	30	8.5	6.3	1.6	16	490	130	0	Satisfactory	

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22	Brahmani at Dharmasala U/s	1044	07.05.2025	1:15 PM	32	8.5	6.6	1.7	7.8	2400	790	0	Satisfactory	
23	Brahmani River at Dharmasala D/s	10019	07.05.2025	1:05 PM	32	8.5	5.9	1.8	7.8	3500	1300	0	Satisfactory	
24	Brahmani River at Pottamundai	1045	21.05.2025	2:12 PM	34	8.3	7.9	1.7	15	1100	330	0	Satisfactory	
25	Kharasrota River at Khanditara	2419	07.05.2025	1:40 PM	31	8.4	6.2	1.5	7.8	330	130	0	Satisfactory	
26	Kharasrota River at Binjharpur	3922	07.05.2025	11:30 AM	31	8.5	6.6	1.4	7.8	790	220	0	Satisfactory	
27	Kharasrota River at Aul	2420	21.05.2025	1:04 PM	34	8.2	7.8	1.8	15	790	220	0	Satisfactory	
28	Sankha U/s	2412	06.05.2025	9:22 AM	27	8.2	7.5	1.6	7.8	79	23	0	Satisfactory	
29	River Mandiakudar	5857	06.05.2025	8:49 AM	27	7.7	7.4	1.5	7.8	220	49	0	Satisfactory	
30	Koel U/s	2413	06.05.2025	11:02 AM	30	7.8	7.2	1.5	7.8	3500	1300	0	Satisfactory	
31	River Jhirpani	5856	06.05.2025	11:23 AM	30	7.6	7.6	1.4	7.8	790	130	0	Satisfactory	
32	Guradih Nallah	3923	07.05.2025	12:30 PM	31	7.8	5.6	4.6	23	54000	35000	70	Unsatisfactory	BOD,TC, FC
33	River Gohira Bridge	5858	07.05.2025	12:56 PM	41	7.8	6.9	1.5	7.8	79	33	0	Satisfactory	
34	River Tikera at Talabahal	5859	07.05.2025	11:56 AM	40	7.8	7.1	1.6	7.8	330	130	0	Unsatisfactory	TC, FC
35	Bada jhor at Latadeipur	3924	06.05.2025	1:40 PM	27	7.5	7	1.4	12	2200	790	0	Satisfactory	
36	Damsala Nallah at Dayanabil	3933	08.05.2025	11:05 AM	33	8.3	6.7	1.9	12	1400	330	0	Satisfactory	
37	Ganda Nallah at Marthapur	3934	08.05.2025	1:20 PM	32	7.5	6.3	1.8	12	1300	330	0	Satisfactory	
38	Karo at Barbil	3915	15.05.2025	4:02 PM	31	7.3	8.3	1.6	12	490	130	0	Satisfactory	
39	Lingira River at Angul U/s	3925	07.05.2025	8:15 AM	25	7.9	7.1	1.6	12	700	330	0	Satisfactory	
40	Lingira River at Angul D/s	3926	07.05.2025	9:00 AM	26	8.2	6.9	1.7	16	790	330	0	Satisfactory	
41	River Lingira FD/s Motanga Weekly market NH-55	5860	06.05.2025	10:00 AM	27	7.9	7.6	1.6	12	1300	490	0	Satisfactory	
42	Ramiala river at Kamakhyanagar	3932	06.05.2025	11:40 AM	26	7.4	6.9	1.4	7.8	1300	490	0	Satisfactory	
43	Banguru nallah	3930	05.05.2025	12:00 PM	25	7.3	7.4	2	19	1300	490	5	Satisfactory	
44	Singra jhor	3929	05.05.2025	1:00 PM	26	7.5	7.6	1.8	12	1700	790	0	Satisfactory	
45	Tikira River at Kaniha U/s	3927	05.05.2025	3:50 PM	26	7.8	7.2	1.5	12	1100	330	0	Satisfactory	
46	Tikira River at Kaniha D/s	3928	05.05.2025	3:10 PM	26	7.4	7.3	1.7	16	1700	490	0	Satisfactory	
47	Bangurusingra jhor	3931	06.05.2025	9:40 AM	26	7.5	7.7	1.5	12	2800	1300	0	Satisfactory	

NA : Not analysed

## River system : Budhabalanga

May, 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	15.05.2025	9:50 AM	30	8.2	7.3	1.8	15	4900	2300	33	Satisfactory	
2	Budhabalanga River at Balasore U/s	3943	16.05.2025	11:30 AM	29	8.1	7.1	1.6	12	2400	790	0	Satisfactory	
3	Budhabalanga River at Balasore D/s	2424	16.05.2025	4:45 PM	30	8.1	6.9	1.7	15	3500	1300	0	Satisfactory	
4	Budhabalanga River at Saslapal (Bangiriposi)	5863	15.05.2025	12:20 PM	32	8.1	7.1	1.6	15	2800	1100	0	Satisfactory	
5	Sone river at Remuna	3942	16.05.2025	9:20 AM	29	7.8	7.5	1.8	7.7	1300	330	0	Satisfactory	

NA : Not analysed

## River system : Vansadhara

May, 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 Muniguda	2426	07.05.2025	8:57 AM	23	7.9	7.8	1.3	7.8	790	220	0	Satisfactory	
2	Vansadhara River at Gunupur	2427	07.05.2025	10:51 AM	24	8.3	7.4	1.4	12	2200	790	0	Satisfactory	

NA : Not analysed

## River system : Subarnarekha

May, 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	16.05.2025	1:20 PM	31	8.4	5.4	1.6	19	490	170	0	Satisfactory	
2	Subarnarekha River at Jharapokharia (Pandra)	5862	15.05.2025	4:50 PM	31	8.4	8.3	1.5	15	330	170	0	Satisfactory	

NA : Not analysed

## River system : Nagavali

May, 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	07.05.2025	6:38 AM	22	7.9	7.9	1.6	12	2200	790	0	Satisfactory	
2	Nagavali River at Jayakypur D/s	1642	07.05.2025	7:09 AM	23	7.6	8.2	1.8	16	2800	1300	22	Satisfactory	
3	Nagavali River at Rayagada D/s	1643	07.05.2025	1:10 PM	23	8	8.6	1.8	16	3500	790	13	Satisfactory	

NA : Not analysed

## River system : Kolab

May, 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	22.05.2025	1:02 PM	23	6.8	6	1.5	7.7	2200	790	0	Satisfactory	

NA : Not analysed

River system : Indravati

May, 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	22.05.2025	8:24 AM	15	6.9	6.3	1.7	12	1100	330	0	Satisfactory	

NA : Not analysed

River system : Bahuda

May, 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	06.05.2025	2:59 PM	33	8.3	8.6	1.8	16	790	220	0	Satisfactory	

NA : Not analysed

May, 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	21.05.2025	9:36 AM	33	7.4	6.9	1.7	12	490	130	0	Satisfactory	
	Patsala River at Gupti	5534	21.05.2025	11:00 AM	32	7.7	7.7	1.8	15	330	130	0	Satisfactory	
	Hansua river at Barunei	5533	21.05.2025	11:49 AM	34	8.4	8.2	1.7	15	790	230	0	Satisfactory	
	Dhamra River at Kalibhanjadia	5535	21.05.2025	1:48 PM	32.5	7.8	7	1.9	19	490	130	0	Satisfactory	
	Bhitarkanika River at Dangamala	5536	21.05.2025	12:45 PM	32.8	7.5	7.2	2	19	330	110	0	Satisfactory	

## OTHER SURFACE WATER BODIES

May, 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	Status
Coastal Water	Sea at Gopalpur	2441	07.05.2025	10:22 AM	31	8.2	7.6	2.3	23	<1.8	<1.8	Conforming to Class-SW II & SW-IV
	Sea, Swargadwar, Puri	2439	08.05.2025	11:00 AM	25	8	5.9	1.6	23	<1.8	<1.8	Conforming to Class-SW II
	Sea at Paradeep	2440	22.05.2025	2:35 PM	32	8.2	6.2	1.6	19	130	33	Conforming to Class-SW II & SW-IV
	Sea, Baliapanda, Puri	SWMP	08.05.2025	10:30 AM	25	8.1	5.6	1.8	23	<1.8	<1.8	Conforming to Class-SW II
	Sea, Bankimuhan, Puri	SWMP	08.05.2025	11:40 AM	26	8.2	6.1	1.5	23	130	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	05.05.2025	12:20 PM	35	7.1	8	1.9	19	4900	2300	Conforming to Class-C & D
	Anshupa Lake at Bishnupur	3956	05.05.2025	11:35 AM	35	7.2	7.6	1.8	16	4900	1700	Conforming to Class-C & D
	Anshupa Lake at Subarnapur	3955	05.05.2025	11:59 AM	34	7.2	8.1	2	23	1300	330	Conforming to Class-C & D

Anshupa Lake at Sarandagarh	3957	05.05.2025	12:13 PM	35	7.3	7.7	2.1	16	3500	1700	Conforming to Class-C & D
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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	08.05.2025	10:51 AM	29	8.5	8.9	1.7	23	110	33	Conforming to Class-SW II
	Chilika lake at Satapada	2437	08.05.2025	3:00 PM	25	8	6.3	1.8	23	790	330	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	07.05.2025	9:37 AM	30	8.2	7.6	2	16	490	130	Conforming to Class-C
	Taleisar Resort (Reservoir), Deogarh District	5864	07.05.2025	10:54 AM	35	7.7	6.9	1.6	16	1300	790	Conforming to Class-C
	Kansbahal Dam, Sundargarh District	5866	06.05.2025	8:33 AM	29	7.8	7.2	1.4	7.8	79	23	Conforming to Class-C
	Mandira Dam, Sundargarh District	5867	06.05.2025	9:18 AM	31	7.9	7.4	1.7	16	130	33	Conforming to Class-C
	Sarafgarh Dam, Sundargarh District	5865	06.05.2025	11:38 AM	33	7.7	7	1.8	16	49	13	Conforming to Class-C
	Rukuda Dam, Sundargarh District	5868	07.05.2025	10:00 AM	30	7.6	7.7	1.7	7.8	49	13	Conforming to Class-C
	Chhatisha Benapata at Balipur, Choudwar	5871	06.05.2025	10:30 AM	28	7.5	7.7	2.1	16	1300	330	Conforming to Class-C
	Chhatisha Benapata at Nuagaon, Choudwar	5872	06.05.2025	11:22 AM	30	7.4	7.9	1.9	19	2400	790	Conforming to Class-C
	Chhatisha Benapata at Sasanga, Choudwar	5870	06.05.2025	10:03 AM	28	7.4	7.8	1.7	19	4900	2200	Conforming to Class-C
	Chhatisha Benapata at Bandalo, Choudwar	5869	06.05.2025	11:02 AM	35	7.2	7.8	1.8	12	2200	790	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	22.05.2025	8:30 AM	33	7.1	7.2	2.1	23	3500	1700	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
Taladanda canal	1. Taladanda canal at Jobra	2428	08.05.2025	8:44 AM	22	8	7.7	1.5	16	2400	790	Conforming to Class-C
	2. Taladanda canal at Ranihat	3950	08.05.2025	9:27 AM	24	8	8.6	1.6	12	160000	160000	Not Conforming to Class-C w.r.t. TC and FC
	3. Taladanda canal at Chhatrabazar	3951	08.05.2025	9:39 AM	24	7.9	8	1.8	16	7900	3300	Not Conforming to Class-C w.r.t. TC and FC
	4. Taladanda canal at Nuabazar	2429	08.05.2025	9:57 AM	24	7.9	7.9	1.9	16	13000	4900	Not Conforming to Class-C w.r.t. TC and FC
	5. Taladanda canal at Biribati	3952	08.05.2025	10:13 AM	24	7.8	7.5	1.6	7.8	1100	490	Conforming to Class-C
	6. Taladanda canal at Athrabanki	2430	22.05.2025	1:10 PM	33	8	7.8	1.4	15	17000	4900	Not Conforming to Class-C w.r.t. TC and FC
	Taladanda canal at Front side of PPL gate	5875	22.05.2025	5:15 PM	31.3	7.7	5.6	1.9	12	5400	2400	Not Conforming to Class-C w.r.t. TC and FC
Puri canal	1. Puri Canal at Hansapal	3958	06.05.2025	10:00 AM	31	7.5	7.3	1.8	16	7900	3300	Not Conforming to Class-C w.r.t. TC and FC
	2. Puri canal at Jagannathpur	3959	06.05.2025	2:00 PM	31	7.8	7.9	1.9	16	3500	1300	Conforming to Class-C
	3. Puri canal at Chandanpur	3960	No sampling due to no flow									
Marshaghai canal	Marshaghai canal	5876	22.05.2025	9:45 AM	27.9	7.2	5.6	2.2	12	9200	3500	Not Conforming to Class-C w.r.t. TC and 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	
Bindusagar Pond	1. Bindusagar Pond at Lingaraj Temple side	2431	02.05.2025	1:10 PM	26	7.8	6.9	2	24	<1.8	<1.8	Conforming to Class-B	
	2. Bindusagar at Ananta Basudev Temple site	SWMP	02.05.2025	1:40 PM	27	7.9	7.4	1.9	20	<1.8	<1.8	Conforming to Class-B	
	3. Bindusagar at Gyananagar site	SWMP	02.05.2025	2:10 PM	26	7.7	7.9	2.1	20	23	13	Conforming to Class-B	
	4. Bindusagar at Kedarnath Reseach centre site	SWMP	02.05.2025	1:30 PM	26	7.7	7.5	1.8	16	<1.8	<1.8	Conforming to Class-B	
Ponds in Puri town	1. Narendra Pokhari	2432	08.05.2025	1:00 PM	25	8.5	5.6	3.4	23	240	130	Conforming to Class-B	
	2. Markanda Pokhari	2433	08.05.2025	1:30 PM	26	8.5	10	4.7	39	23	13	Conforming to Class-B	
	3. Indradyumna Pond	2434	08.05.2025	12:30 PM	25	8.5	6.3	4.3	31	33	13	Conforming to Class-B	
	4. Swetaganga Pond	2435	08.05.2025	10:00 AM	25	8.5	6.9	4.7	39	13	<1.8	Conforming to Class-B	
	5. Parvatisagar	2436	08.05.2025	9:30 AM	26	7.8	5.9	3.3	16	240	79	Conforming to Class-B	
Other Ponds	1. Raniguda pond, Angul	3963	07.05.2025	12:45 PM	29	8.2	7.2	2.5	23	2200	790	Not Conforming to Class-B w.r.t. TC	
	2. Jagannathsagar Pond	3962	No sampling due to pond renovation work										
	3. Reypur village in Kujanga Tahasil (pond)	5873	22.05.2025	4:16 PM	31	7.4	6.9	2.2	19	490	130	Conforming to Class-B	
	4. Maaboi pond near DHH, Kendrapara	5874	22.05.2025	11:36 AM	33.1	7.7	9.8	1.8	12	2200	790	Not Conforming to Class-B w.r.t. TC	

## 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 <sub>3</sub> <sup>-</sup> -N, mg/L	TC, MPN/100 mL	FC, MPN/100 mL	Status
1	Borewell near Urban common toilet inside Pattamundai municipality	5883	22.05.2025	12:30 PM	29.3	8.1	<0.3	1.3	7.7	2.036	<1.8	<1.8	Conform to drinking water specification