

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 system : Mahanadi

February, 2023

Sl. No.	Name of Station	Code	Sampling date	Sampling Time (AM/PM)	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	Sundargarh	1267	09.02.2023	4:30 PM	24	7.2	6.2	1.2	6.9	1700	490	NA	Satisfactory	
2	Jharsuguda	1268	15.02.2023	12:15 PM	23	7.8	8.2	1.1	6.7	2400	790	NA	Satisfactory	
3	Brajrajnagar-U/s	1300	15.02.2023	11:30 AM	23	7.7	7.8	1.3	6.7	1300	330	NA	Satisfactory	
4	Brajrajnagar-D/S	1269	15.02.2023	10:50 AM	23	7.8	8	1.5	10.0	2800	940	NA	Satisfactory	
5	Bheden	2403	15.02.2023	12:50 PM	24	7.6	7.6	1.4	10.0	1100	220	5	Satisfactory	
6	Hirakud	1281	14.02.2023	5:05 PM	25	7.2	8	1.2	6.8	490	130	NA	Satisfactory	
7	Sambalpur U/s	1270	14.02.2023	5:45 PM	25	7.1	7.8	1.2	6.8	1300	330	NA	Satisfactory	
8	Sambalpur D/S	1271	14.02.2023	3:05 PM	25	7.5	7.4	1.6	14.0	1700	490	<1.8	Satisfactory	
9	Sambalpur FD/S at Shankarmath	3887	13.02.2023	8:30 AM	24	7.2	7.6	1.4	10.0	2400	490	<1.8	Satisfactory	
10	Sambalpur FD/S at Huma	2405	13.02.2023	9:40 AM	24	7.4	7.8	1.5	14.0	1300	330	<1.8	Satisfactory	
11	Power Channel U/s	3888	14.02.2023	4:20 PM	24	7.1	7.6	1.1	6.8	330	45	NA	Satisfactory	
12	Power Channel D/S	2404	14.02.2023	3:40 PM	25	7.1	7.8	1.5	10.0	1100	330	NA	Satisfactory	
13	Sonepur U/s	1272	13.02.2023	4:15 PM	24	7.9	7.8	1.2	6.8	220	33	<1.8	Satisfactory	
14	Sonepur D/S	1274	13.02.2023	2:30 PM	24	7.7	7.6	1.4	10.0	330	130	<1.8	Satisfactory	
15	Tikarpada	1275	08.02.2023	10:30 AM	23	7.4	8.2	1.5	10.0	130	13	<1.8	Satisfactory	
16	Narasinghpur	1276	16.02.2023	12:55 PM	27	7.6	8.2	1.2	6.7	490	78	<1.8	Satisfactory	
17	Mundull	2406	16.02.2023	5:36 PM	26	7.7	8.8	1.2	6.7	490	130	<1.8	Satisfactory	
18	Cuttack U/s	1277	16.02.2023	6:38 PM	24	8	7.7	1.3	6.7	460	78	<1.8	Satisfactory	
19	Cuttack D/s	1278	17.02.2023	11:27 PM	29	7.8	6.6	2.6	17.0	17000	3300	79	Unsatisfactory	TC, FC
20	Cuttack FD/s	3890	17.02.2023	11:49 AM	28	7.9	7.9	1.7	10.0	1700	330	13	Satisfactory	
21	Paradeep U/s	2407	09.02.2023	2:30 PM	24.5	7.4	6.6	1.4	6.9	130	23	5	Satisfactory	
22	Paradeep D/S	1639	09.02.2023	4:00 PM	24.4	7.9	6.4	1.6	10.0	130	23	7	Satisfactory	
23	Ong river, Dharuakhaman	3889	13.02.2023	11:30 AM	24	8.2	7.6	1.2	6.8	240	79	NA	Satisfactory	
24	Tel	2408	13.02.2023	3:10 PM	25	8.1	7.4	1.3	6.8	130	49	NA	Satisfactory	
25	Kathajodi U/s	3891	16.02.2023	6:12 PM	25	8.2	8.8	1.3	10.0	1700	490	NA	Satisfactory	
26	Kathajodi D/s	1301	17.02.2023	1:52 PM	30	8.1	8.8	3.8	27.0	160000	24000	170	Unsatisfactory	BOD,TC, FC
27	Mattagajpur	3892	17.02.2023	12:20 PM	28	7.9	7.5	3.2	24.0	4900	1300	49	Unsatisfactory	BOD
28	Kamasasan	3893	17.02.2023	12:53 PM	28	8	8.3	2.4	17.0	4700	2200	NA	Satisfactory	
29	Sankhatrasa	2409	17.02.2023	1:31 PM	28	7.9	7.2	3.6	24.0	160000	54000	79	Unsatisfactory	BOD,TC, FC
30	Kuakhai FU/s	2410	15.02.2023	11:40 AM	27	7.7	10.3	1.3	10.0	1300	790	8	Satisfactory	
31	Kuakhai U/s	1279	15.02.2023	12:10 PM	27	7.8	9	1.4	14.0	2400	1100	17	Satisfactory	
32	Daya at Gelapur	3894	15.02.2023	3:00 PM	28	8.4	9.4	1.6	14.0	1100	330	49	Satisfactory	
33	Kuakhai D/s	1280	15.02.2023	5:55 PM	22	7.4	3.4	4.8	34.0	92000	54000	170	Unsatisfactory	DO, BOD,TC, FC
Sl. No.	Name of Station	Code	Sampling date	Sampling Time (AM/PM)	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)
34	Kuakhai FD/s	2411	15.02.2023	6:15 PM	22	7.5	3.8	4.3	27.0	54000	54000	130	Unsatisfactory	DO, BOD,TC, FC
35	Daya at Kanas	3895	06.02.2023	12:40 PM	20	7.1	6.6	1.9	10.0	1300	220	5	Satisfactory	
36	Birupa	1640	17.02.2023	10:52 AM	27	8.1	7.9	1.6	14.0	2400	330	NA	Satisfactory	
37	Gangua at Rajdhani College	3896	15.02.2023	11:10 AM	27	6.9	1.1	15.0	68.0	>160000	>160000	540	Unsatisfactory	DO,BOD,TC,FC
38	Gangua at Palasuni	3897	15.02.2023	12:35 PM	28	7.1	0.8	18.0	119.0	>160000	>160000	350	Unsatisfactory	DO,BOD,TC,FC
39	Gangua at Samantarapur	3898	15.02.2023	3:25 PM	27	7.1	0.4	16.0	85.0	>160000	>160000	170	Unsatisfactory	DO,BOD,TC,FC
40	Gangua at vadimula	3899	15.02.2023	5:25 PM	24	7.3	1.8	10.0	42.0	>160000	>160000	240	Unsatisfactory	DO, BOD,TC,FC
41	Kushabhadrta at Bhingarpur	3903	06.02.2023	9:35 AM	19	7.6	8.0	1.4	7.0	4900	1100	NA	Satisfactory	
42	Kushabhadrta at Nimapara	3904	06.02.2023	2:50 PM	23	7.2	7.8	1.2	7.0	7900	2300	NA	Unsatisfactory	TC
43	Kushabhadrta at Gop	3905	06.02.2023	3:30 PM	23	7.2	6.9	1.7	10.0	4900	2200	NA	Satisfactory	
44	Kendrapada U/s	3900	09.02.2023	1:00 PM	23.5	7.8	5	1.2	6.9	2400	490	NA	Satisfactory	
45	Kendrapada D/s	3901	09.02.2023	12:45 PM	24.8	7.7	4.6	1.8	14.0	4700	1100	NA	Satisfactory	
46	Mangala at Malatipatpur	3906	09.02.2023	11:05 AM	26	8.2	8.2	1.3	6.9	2400	790	NA	Satisfactory	
47	Mangala D/s	3907	09.02.2023	2:05 PM	26.5	7.9	5.8	2.8	10.0	3300	1100	22	Satisfactory	
48	Bhargavi at Chandanpur	3908	09.02.2023	10:45 AM	26	8.3	8.6	1.2	6.8	4700	1300	NA	Satisfactory	
49	Devi at Machhagaon	3902	10.02.2023	1:00 PM	26.2	7.6	6.8	1.2	10.0	790	130	NA	Satisfactory	
50	Luna at Bijipur	3912	06.02.2023	1:20 PM	21	7.7	7.2	1.3	7.0	2200	330	17	Satisfactory	
51	River Sabulia	3914	02.02.2023	4:15 PM	24.5	7.5	6.9	1.1	7.1	4700	2200	33	Satisfactory	
52	Kusumi	3913	02.02.2023	10:40 AM	22.5	7.1	6.9	1.2	7.1	2400	790	23	Satisfactory	
53	River Kansari	3909	02.02.2023	12:50 PM	24	7.7	7.3	1.1	7.1	3300	1300	NA	Satisfactory	
54	River Badasankha	3910	02.02.2023	2:30 PM	24	7.8	8.5	1.5	11.0	1300	330	NA	Satisfactory	
55	Ratnachira	3911	09.02.2023	10:25 AM	25	7.5	7.3	1.5	10.0	1300	330	8	Satisfactory	

NA : Not analysed

River system : Rushikulya

February, 2023

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	Russelkunda Reservoir	3944	07.02.2023	3:15 PM	24	7.1	8.7	2.7	21.0	3500	2200	NA	Satisfactory	
2	Badanadi, Aska	3946	07.02.2023	2:15 PM	24	8.5	9.4	1.6	10.0	2200	330	NA	Satisfactory	
3	Rushikulya, Aska	3945	07.02.2023	2:07 PM	23	8.4	8.2	1.3	7.0	1100	230	NA	Satisfactory	
4	Rushikulya at Nalabanta	3947	07.02.2023	3:45 PM	25	8.4	9.5	1.1	7.0	790	170	NA	Satisfactory	
5	Madhopur	1455	06.02.2023	3:32 PM	24	8.5	7.7	1.1	7.0	330	130	5	Satisfactory	
6	Potagarh	1456	06.02.2023	4:05 PM	22	8.3	7.8	1.2	7.0	1700	330	13	Satisfactory	

NA : Not analysed

River system : Baitarani

February, 2023

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	08.02.2023	3:05 PM	23	7.1	6.5	1.5	10.0	2800	1100	NA	Satisfactory	
2	Kusei at Deogaon	2421	10.02.2023	11:45 AM	22	7.8	8.1	1.1	6.9	4900	1300	NA	Satisfactory	
3	Baitarani at Naigarh	3935	08.02.2023	11:02 AM	22	6.8	7.3	1.2	6.9	490	110	NA	Satisfactory	
4	Baitarani at Unchabali	3936	08.02.2023	11:50 AM	23	6.8	7.0	1.1	6.9	490	130	NA	Satisfactory	
5	Baitarani at Chanouua	3937	09.02.2023	10:30 AM	21	6.9	6.7	1.3	6.9	330	130	NA	Satisfactory	
6	Baitarani at Tribindha	3938	09.02.2023	12:45 PM	22	7.1	6.5	1.1	6.9	790	170	NA	Satisfactory	
7	Baitarani at Joda	1081	08.02.2023	4:50 PM	23	7.2	7.2	1.1	6.9	1700	330	NA	Satisfactory	
8	Anandpur	1082	10.02.2023	10:50 AM	21	7.2	7.8	1.2	6.9	2200	490	NA	Satisfactory	
9	Jajpur	1083	09.02.2023	11:40 AM	22	7.7	6.9	1.7	10.0	4900	2200	NA	Satisfactory	
10	Chandbali U/s	1084	14.02.2023	1:30 PM	25	7.8	6.0	1.3	6.7	1300	490	NA	Satisfactory	
11	Chandbali D/s	10018	14.02.2023	2:10 PM	25	7.9	5.6	1.6	10.0	2400	790	NA	Satisfactory	
12	Dhamra	1085	14.02.2023	4:30 PM	23	8.0	6.4	1.8	25.0	2400	1300	NA	Satisfactory	
13	Bhadrak U/s	3940	14.02.2023	9:40 AM	22	8.3	6.8	1.2	6.7	1100	220	NA	Satisfactory	
14	Bhadrak D/s	3941	14.02.2023	10:20 AM	22	8.0	6.4	1.5	14.0	1700	330	NA	Satisfactory	

NA : Not analysed

River system : Brahmani

February, 2023

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	Panposh U/s	1037	09.02.2023	2:40 PM	27	7.2	5.6	1.1	6.9	2400	490	NA	Satisfactory	
2	Panposh D/S	1038	09.02.2023	10:30 AM	23	7.4	2.4	5.7	41.0	54000	7900	33	Unsatisfactory	DO,BOD,TC,FC
3	Jalda (Rourkela D/S)	1302	09.02.2023	10:50 AM	25	7.5	2.8	5.3	31.0	35000	3300	49	Unsatisfactory	DO,BOD,TC,FC
4	Attaghat	3916	09.02.2023	11:30 AM	28	8.5	3.2	4.8	24.0	1700	330	8	Unsatisfactory	DO,BOD
5	Biritola	2414	09.02.2023	12:30 PM	25	8.1	5.8	2.8	14.0	2400	490	14	Satisfactory	
6	Bonaigarh	1039	09.02.2023	1:20 PM	25	7.9	6.9	1.3	10.0	2400	330	NA	Satisfactory	
7	Rengali	1040	08.02.2023	3:45 PM	24	7.2	9.8	1.2	6.9	490	130	NA	Satisfactory	
8	Samal	1041	08.02.2023	12:50 PM	24	7.5	10.2	1.1	6.9	790	230	NA	Satisfactory	
9	Talcher FU/s	2415	08.02.2023	11:20 AM	23	7.4	9.8	1.5	10.0	790	130	NA	Satisfactory	
10	Talcher U/s	1303	08.02.2023	9:40 AM	23	7.5	8.8	1.2	6.9	1300	230	NA	Satisfactory	
11	Mandapal	3917	08.02.2023	10:15 AM	23	7.4	8.6	1.8	10.0	28000	13000	79	Unsatisfactory	TC,FC
12	Talcher D/S	1042	07.02.2023	8:15 AM	22	7.4	8.4	1.4	10.0	2400	790	NA	Satisfactory	
13	Talcher FD/S	2416	07.02.2023	10:00 AM	23	7.3	9.2	1.3	10.0	330	78	NA	Satisfactory	
14	Nandira U/s	3919	08.02.2023	8:30 AM	23	7.3	9.0	1.6	14.0	1400	330	NA	Satisfactory	
15	Nandira D/s	3920	08.02.2023	9:00 AM	23	7.5	10.0	1.5	10.0	2200	330	<1.8	Satisfactory	
16	Kisindajhor	3921	07.02.2023	9:00 AM	23	7.4	7.4	1.9	14.0	2400	790	NA	Satisfactory	
17	Dhenkanal U/s	3918	07.02.2023	11:10 AM	25	7.3	8.6	1.1	6.9	490	110	NA	Satisfactory	
18	Dhenkanal D/s	2417	07.02.2023	2:55 PM	24	7.3	8.8	1.4	10.0	3500	940	NA	Satisfactory	
19	Bhuban	1043	07.02.2023	1:30 PM	24	7.4	8.4	1.1	6.9	2200	490	NA	Satisfactory	
20	Kabatabandha	2418	08.02.2023	12:40 PM	22	7.1	8.9	1.1	6.9	1300	330	NA	Satisfactory	
21	Dharmasala U/s	1044	09.02.2023	2:55 PM	23	7.3	8.6	1.2	6.9	2400	790	NA	Satisfactory	
22	Dharmasala D/s	10019	09.02.2023	3:15 PM	23	7.9	8.5	1.5	10.0	3500	1300	NA	Satisfactory	
23	Pottamundai	1045	09.02.2023	12:00 PM	24.8	7.9	7.0	1.1	6.9	1400	330	NA	Satisfactory	
24	Khanditara	2419	09.02.2023	2:05 PM	22	7.8	8.3	1.1	6.9	490	45	NA	Satisfactory	
25	Birjarpur	3922	09.02.2023	12:45 PM	22	8.5	8.2	1.9	14.0	1700	490	NA	Satisfactory	
26	Ali	2420	09.02.2023	11:30 AM	25.2	8.3	8.2	1.3	6.9	1100	230	NA	Satisfactory	
27	Sankh U/s	2412	09.02.2023	3:20 PM	26	7.1	6.1	1.1	6.9	2800	790	NA	Satisfactory	
28	Koel U/s	2413	09.02.2023	5:30 PM	23	7.1	5.9	1.3	6.9	2200	330	NA	Satisfactory	
29	Guradi nallah	3923	09.02.2023	10:00 AM	23	7.2	1.2	8.0	55.0	24000	7900	110	Unsatisfactory	DO,BOD,TC,FC
30	Badajhor	3924	07.02.2023	4:00 PM	23	7.6	8.4	1.1	6.9	1300	230	NA	Satisfactory	

31	Damsala at Dayanabil	3933	08.02.2023	11:30 AM	22	7.8	8.1	1.2	6.9	2400	490	NA	Satisfactory	
32	Gondanallah at Marthapur	3934	08.02.2023	1:25 PM	22	7.5	8.6	2.0	17.0	2800	330	NA	Satisfactory	
33	Karo at Barbil	3915	08.02.2023	4:45 PM	24	6.9	7.1	1.1	6.9	2400	330	NA	Satisfactory	
34	Lingira U/s	3925	08.02.2023	11:50 AM	24	8.1	8.2	1.3	6.9	1700	330	NA	Satisfactory	
35	Lingira D/s	3926	08.02.2023	12:35 PM	24	7.9	8.0	1.5	10.0	2400	490	NA	Satisfactory	
36	Ramiala near Kamakhyanagar	3932	07.02.2023	11:50 AM	24	7.9	8.2	1.9	14.0	490	130	NA	Satisfactory	
37	Bangurunallah	3930	08.02.2023	12:20 PM	23	7.7	9.0	1.6	10.0	1300	330	13	Satisfactory	
38	Singadajhor	3929	08.02.2023	1:20 PM	24	7.9	9.4	1.2	6.9	1300	220	NA	Satisfactory	
39	Tikira U/s	3927	08.02.2023	3:00 PM	24	8.0	9.0	1.1	6.9	2200	490	NA	Satisfactory	
40	Tikira D/s	3928	08.02.2023	2:38 PM	24	8.0	10.0	1.4	10.0	2400	790	NA	Satisfactory	
41	Bangurusingada jhor	3931	07.02.2023	10:35 AM	24	7.9	9.6	1.1	6.9	4900	1700	NA	Satisfactory	

NA : Not analysed

River system : Budhabalanga

February, 2023

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	Baripada D/s	2423	15.02.2023	12:10 PM	24	7.9	7.6	2.1	20.0	3500	940	11	Satisfactory	
2	Balasure U/s	3943	15.02.2023	3:45 PM	23	8.5	8.0	1.3	6.7	2200	340	NA	Satisfactory	
3	Balasure D/s	2424	15.02.2023	5:05 PM	22	8.5	8.4	1.6	14.0	1700	330	NA	Satisfactory	
4	Hatiagond (Sona)	3942	15.02.2023	10:00 AM	22	8.2	5.6	1.8	17.0	1400	270	NA	Satisfactory	

NA : Not analysed

River system : Vansadhara

February, 2023

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	Muniguda	2426	16.02.2023	12:40 PM	22	7.5	7.3	1.2	6.7	1300	170	NA	Satisfactory	
2	Gunupur	2427	16.02.2023	3:55 PM	23	8.2	7.1	1.1	6.7	2800	1100	NA	Satisfactory	

NA : Not analysed

River system : Subarnarekha

February, 2023

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	Rajghat	1641	15.02.2023	1:45 PM	24	8.1	7.2	1.2	6.7	2400	490	NA	Satisfactory	

NA : Not analysed

River system : Nagavali

February, 2023

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	Penta U/s	2422	16.02.2023	10:50 AM	19	7.1	7.2	1.1	6.7	790	130	NA	Satisfactory	
2	Jaykaypur D/s	1642	16.02.2023	9:30 AM	19	7.1	6.5	1.2	6.7	2200	460	13	Satisfactory	
3	Rayagada D/s	1643	16.02.2023	7:50 AM	18	7.3	7.1	1.4	10.0	1700	700	14	Satisfactory	

NA : Not analysed

River system : Kolab

February, 2023

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	River Kerandi (intake well of NALCO Refinery, HAL, Sunabeda)	2425	23.02.2023	10:00 AM	24	7.3	10.6	1.6	10.0	790	170	NA	Satisfactory	

NA : Not analysed

River system : Indravati

February, 2023

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 at Nawarangpur	3948	23.02.2023	11:00 AM	29	7.2	8.1	1.8	10.0	1400	330	NA	Satisfactory	

NA : Not analysed

River system : Bahuda

February, 2023

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 at Damodarpally	3949	07.02.2023	1:10 PM	21	8.5	11.3	2.0	14.0	2800	700	NA	Satisfactory	

NA : Not analysed