

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

March, 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	09.03.2023	1:30 PM	26	7.1	7.9	1.6	12.0	790	330	NA	Satisfactory	
2	Jharsuguda	1268	13.03.2023	12:10 PM	27	7.7	8.0	1.1	7.8	1100	230	NA	Satisfactory	
3	Brajrajnagar-U/s	1300	13.03.2023	11:40 AM	26	7.7	7.6	1.2	7.8	1300	330	NA	Satisfactory	
4	Brajrajnagar-D/S	1269	13.03.2023	11:15 AM	26	7.6	8.2	1.6	12.0	1700	490	NA	Satisfactory	
5	Bheden	2403	13.03.2023	12:50 PM	28	8.5	7.8	1.3	7.8	1700	330	5	Satisfactory	
6	Hirakud	1281	13.03.2023	3:50 PM	26	8.5	7.8	1.1	7.8	790	330	NA	Satisfactory	
7	Sambalpur U/s	1270	13.03.2023	5:10 PM	26	8	7.6	1.1	7.8	2400	1300	NA	Satisfactory	
8	Sambalpur D/S	1271	13.03.2023	1:10 PM	25	8.5	7.2	1.7	16.0	3300	1300	5	Satisfactory	
9	Sambalpur FD/S at Shankarmath	3887	13.03.2023	11:20 PM	24	8.2	6.8	1.5	12.0	1700	330	4	Satisfactory	
10	Sambalpur FD/S at Huma	2405	13.03.2023	12:20 PM	24	8.1	7.4	1.4	12.0	4900	2300	7	Satisfactory	
11	Power Channel U/s	3888	13.03.2023	4:30 PM	26	8	7.2	1.2	7.8	2400	790	NA	Satisfactory	
12	Power Channel D/S	2404	13.03.2023	3:10 PM	25	8.1	7.4	1.6	12.0	3500	2200	NA	Satisfactory	
13	Sonepur U/s	1272	13.03.2023	2:16 PM	24	8.5	9.6	1.1	7.8	330	78	<1.8	Satisfactory	
14	Sonepur D/S	1274	13.03.2023	2:24 PM	24	8.5	10	1.4	12.0	490	78	<1.8	Satisfactory	
15	Tikarpada	1275	14.03.2023	11:10 AM	27	7.4	7.6	1.2	7.8	330	45	5	Satisfactory	
16	Narasinghpur	1276	13.03.2023	3:40 PM	28	7.7	7.9	1.1	7.8	490	130	5	Satisfactory	
17	Mundull	2406	13.03.2023	12:15 PM	26	7.8	8.8	1.3	7.8	4900	780	8	Satisfactory	
18	Cuttack U/s	1277	13.03.2023	11:47 AM	27	7.7	8.6	1.2	7.8	490	110	4	Satisfactory	
19	Cuttack D/S	1278	13.03.2023	10:56 AM	29	7.6	8.1	1.9	16.0	7900	2300	11	Unsatisfactory	TC
20	Cuttack FD/S	3890	13.03.2023	10:34 AM	28	8.1	8.5	1.7	12.0	4900	1700	8	Satisfactory	
21	Paradeep U/s	2407	13.03.2023	3:35 PM	28.6	8	7.6	1.1	7.8	<1.8	<1.8	<1.8	Satisfactory	
22	Paradeep D/S	1639	13.03.2023	10:00 AM	29.2	8	7	1.5	12.0	<1.8	<1.8	<1.8	Satisfactory	
23	Ong river, Dharuakhaman	3889	13.03.2023	2:59 PM	25	8.5	10.1	1.2	7.8	330	45	NA	Satisfactory	
24	Tel	2408	13.03.2023	1:34 PM	25	8.4	10	1.1	7.8	330	78	NA	Satisfactory	
25	Kathajodi U/s	3891	14.03.2023	12:35 PM	28	8.5	8.1	1.4	7.8	490	130	NA	Satisfactory	
26	Kathajodi D/S	1301	14.03.2023	4:55 PM	27	7.8	7.9	4.2	23.0	92000	24000	130	Unsatisfactory	BOD,TC, FC
27	Mattagajpur	3892	14.03.2023	3:04 PM	28	7.7	7.9	3.9	19.0	24000	7900	70	Unsatisfactory	BOD,TC, FC
28	Kamasasan	3893	14.03.2023	3:52 PM	27	7.9	8.3	1.8	12.0	3300	1100	NA	Satisfactory	
29	Sankhatrasa	2409	14.03.2023	4:35 PM	27	8	8.6	3.6	19.0	>160000	92000	130	Unsatisfactory	BOD,TC, FC
30	Kuakhai FU/s	2410	03.03.2023	3:40 PM	30	7.2	10	1.3	7.9	790	130	7	Satisfactory	
31	Kuakhai U/s	1279	03.03.2023	3:20 PM	30	7.4	9.2	1.2	7.9	4900	1700	13	Satisfactory	
32	Daya at Gelapur	3894	03.03.2023	2:00 PM	30	7.8	8.8	1.2	7.9	1700	700	33	Satisfactory	
33	Kuakhai D/s	1280	03.03.2023	12:55 PM	31	7.1	7.1	4.8	37.0	11000	3300	22	Unsatisfactory	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	03.03.2023	12:40 PM	31	7.3	7.1	4.8	32.0	9400	3300	17	Unsatisfactory	BOD,TC, FC
35	Daya at Kanas	3895	13.03.2023	4:45 PM	27	7.4	9.2	1.2	7.8	7900	1100	34	Unsatisfactory	TC
36	Birupa	1640	14.03.2023	1:20 PM	28	8.4	8.3	1.5	12.0	1300	170	NA	Satisfactory	
37	Gangua at Rajdhani College	3896	03.03.2023	4:00 PM	29	6.9	1.0	9.7	55.0	>160000	>160000	350	Unsatisfactory	DO,BOD,TC,FC
38	Gangua at Palasuni	3897	03.03.2023	3:00 PM	29	6.8	<0.3	15.0	79.0	>160000	>160000	220	Unsatisfactory	DO,BOD,TC,FC
39	Gangua at Samantarapur	3898	03.03.2023	2:30 PM	30	7.1	<0.3	18.0	79.0	>160000	>160000	170	Unsatisfactory	DO,BOD,TC,FC
40	Gangua at vadimula	3899	03.03.2023	12:15 PM	28	7.1	2.4	8.5	44.0	>160000	>160000	110	Unsatisfactory	DO,BOD,TC,FC
41	Kushabhadrta at Bhingarpur	3903	13.03.2023	11:30 AM	28	7.3	9.1	1.6	12.0	3300	780	NA	Satisfactory	
42	Kushabhadrta at Nimapara	3904	13.03.2023	1:20 PM	29	7.5	8.4	1.1	7.8	11000	3300	NA	Unsatisfactory	TC, FC
43	Kushabhadrta at Gop	3905	13.03.2023	12:40 PM	29	7.5	8.4	1.3	7.8	4000	1300	NA	Satisfactory	
44	Kendrapada U/s	3900	13.03.2023	2:00 PM	28.8	8.2	4.0	1.3	7.8	4000	1700	NA	Satisfactory	
45	Kendrapada D/s	3901	13.03.2023	11:50 AM	28.3	7.5	3.2	1.6	12.0	4700	1700	NA	Unsatisfactory	DO
46	Mangala at Malatipatpur	3906	14.03.2023	11:50 AM	28	7.4	7.1	1.3	7.8	790	130	NA	Satisfactory	
47	Mangala D/s	3907	14.03.2023	2:35 PM	28.5	7.4	8.5	2.1	19.0	4900	1300	24	Satisfactory	
48	Bhargavi at Chandanpur	3908	14.03.2023	11:20 AM	28	7.9	7.7	1.5	7.8	1700	700	NA	Satisfactory	
49	Devi at Machhagaon	3902	14.03.2023	10:30 AM	29.5	8.0	7.6	1.2	7.8	230	78	NA	Satisfactory	
50	Luna at Bijipur	3912	13.03.2023	3:45 PM	27	7.6	7.3	1.1	7.8	3500	490	14	Satisfactory	
51	River Sabulia	3914	06.03.2023	2:30 PM	28	7.5	5.9	1.8	12.0	4000	1400	39	Satisfactory	
52	Kusumi	3913	06.03.2023	11:45 AM	24	7.5	5.7	1.8	12.0	4900	2200	23	Satisfactory	
53	River Kansari	3909	06.03.2023	4:00 PM	24	7.8	6.9	1.1	7.9	4900	1100	NA	Satisfactory	
54	River Badasankha	3910	06.03.2023	1:30 PM	28	7.9	6.8	1.4	7.9	2800	1700	NA	Satisfactory	
55	Ratnachira	3911	14.03.2023	10:50 AM	27	7.4	5.6	1.9	12.0	1100	260	9	Satisfactory	

NA : Not analysed

River system : Rushikulya

March, 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	14.03.2023	3:00 PM	29	8.2	11.9	1.2	7.8	4700	2200	NA	Satisfactory	
2	Badanadi, Aska	3946	14.03.2023	4:45 PM	28	7.9	8.3	1.2	7.7	1400	330	NA	Satisfactory	
3	Rushikulya, Aska	3945	14.03.2023	4:20 PM	28	8.3	8.4	1.4	7.7	790	130	NA	Satisfactory	
4	Rushikulya at Nalabanta	3947	14.03.2023	5:10 PM	25	8.4	8.2	1.4	7.7	1700	490	NA	Satisfactory	
5	Madhopur	1455	16.03.2023	11:05 AM	28	8.1	7.7	1.4	12.0	1100	220	8	Satisfactory	
6	Potagarh	1456	16.03.2023	11:30 AM	28	7.9	6.7	2.2	19.0	2400	790	17	Satisfactory	

NA : Not analysed

River system : Baitarani

March, 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	20.03.2023	3:30 PM	26	7.1	6.1	1.8	11.0	1100	210	NA	Satisfactory	
2	Kusei at Deogaon	2421	22.03.2023	11:30 AM	24	8.3	7.1	1.2	7.6	4000	2100	NA	Satisfactory	
3	Baitarani at Naigarh	3935	20.03.2023	11:15 AM	25	6.9	7.1	1.1	7.6	1100	230	NA	Satisfactory	
4	Baitarani at Unchabali	3936	20.03.2023	12:05 PM	24	7.1	7.4	1.3	7.6	1100	220	NA	Satisfactory	
5	Baitarani at Chanouua	3937	21.03.2023	10:15 AM	23	7.1	6.6	1.1	7.6	1300	220	NA	Satisfactory	
6	Baitarani at Tribindha	3938	21.03.2023	12:50 PM	22	7.2	6.2	1.5	11.0	940	140	NA	Satisfactory	
7	Baitarani at Joda	1081	20.03.2023	5:00 PM	25	7.1	7.0	1.2	7.6	3500	1100	NA	Satisfactory	
8	Anandpur	1082	22.03.2023	10:55 AM	23	7.2	7.3	1.3	7.6	1700	260	NA	Satisfactory	
9	Jajpur	1083	17.03.2023	11:50 AM	23	7.5	8.1	1.2	7.7	2400	790	NA	Satisfactory	
10	Chandbali U/s	1084	14.03.2023	2:10 PM	24	7.8	6.8	1.1	7.7	2400	790	NA	Satisfactory	
11	Chandbali D/s	10018	14.03.2023	2:40 PM	24	7.7	6.0	1.3	12.0	3500	1100	NA	Satisfactory	
12	Dhamra	1085	14.03.2023	5:20 PM	23	8.1	6.4	1.4	29.0	2400	1300	NA	Satisfactory	
13	Bhadrak U/s	3940	14.03.2023	10:20 AM	22	8.4	4.8	1.2	7.7	1300	330	NA	Satisfactory	
14	Bhadrak D/s	3941	14.03.2023	10:55 AM	22	7.8	5.2	1.4	12.0	2200	790	NA	Satisfactory	

NA : Not analysed

River system : Brahmani

March, 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	09.03.2023	10:10 AM	25	7.5	6.3	1.2	7.9	1400	220	NA	Satisfactory	
2	Panposh D/S	1038	09.03.2023	2:30 PM	26	7.7	6.1	4.2	24.0	35000	7900	49	Unsatisfactory	BOD,TC,FC
3	Jalda (Rourkela D/S)	1302	09.03.2023	3:10 PM	25	7.7	4.7	4.0	20.0	22000	4600	33	Unsatisfactory	BOD,TC,FC
4	Attaghat	3916	09.03.2023	3:50 PM	26	7.8	9.0	3.4	28.0	3500	940	7	Unsatisfactory	BOD
5	Biritola	2414	10.03.2023	7:15 AM	25	6.6	7.9	2.3	12.0	2400	330	11	Satisfactory	
6	Bonaiagarh	1039	10.03.2023	7:25 AM	26	6.7	6.5	1.1	7.9	4900	1700	NA	Satisfactory	
7	Rengali	1040	13.03.2023	5:10 PM	27	7.7	8.8	1.1	7.8	330	78	NA	Satisfactory	
8	Samal	1041	13.03.2023	12:50 PM	27	7.8	8.6	1.2	7.8	2400	790	NA	Satisfactory	
9	Talcher FU/s	2415	13.03.2023	11:20 AM	27	7.7	9.2	1.3	12.0	1300	230	NA	Satisfactory	
10	Talcher U/s	1303	13.03.2023	9:40 AM	27	7.6	8.8	1.2	7.8	1700	490	NA	Satisfactory	
11	Mandapal	3917	13.03.2023	10:30 AM	26	7.6	7.6	1.3	7.8	22000	7900	NA	Unsatisfactory	TC,FC
12	Talcher D/S	1042	14.03.2023	8:30 AM	26	7.7	7.2	1.4	12.0	3500	790	NA	Satisfactory	
13	Talcher FD/S	2416	14.03.2023	10:20 AM	27	7.8	8.8	1.5	12.0	1100	330	NA	Satisfactory	
14	Nandira U/s	3919	13.03.2023	8:30 AM	26	7.3	7.4	1.6	16.0	1700	490	NA	Satisfactory	
15	Nandira D/s	3920	13.03.2023	9:10 AM	26	7.4	8.6	1.3	12.0	3500	790	8	Satisfactory	
16	Kisindajhor	3921	14.03.2023	9:15 AM	26	7.4	5.4	1.4	12.0	2800	1100	NA	Satisfactory	
17	Dhenkanal U/s	3918	14.03.2023	11:45 AM	28	7.4	7.8	1.2	7.8	490	130	NA	Satisfactory	
18	Dhenkanal D/s	2417	14.03.2023	4:35 PM	28	7.3	8.5	1.5	12.0	2200	490	NA	Satisfactory	
19	Bhuban	1043	14.03.2023	2:00 PM	28	7.4	8.0	1.1	7.8	1300	330	NA	Satisfactory	
20	Kabatabandha	2418	16.03.2023	1:55 PM	22	6.6	8.8	1.4	7.7	1700	490	NA	Satisfactory	
21	Dharmasala U/s	1044	17.03.2023	3:20 PM	22	6.7	8.6	1.3	7.7	2800	790	NA	Satisfactory	
22	Dharmasala D/s	10019	17.03.2023	3:10 PM	22	6.9	8.4	1.5	12.0	4900	1100	NA	Satisfactory	
23	Pottamundai	1045	13.03.2023	1:45 PM	28.8	7.7	6.0	1.2	7.8	2800	1100	NA	Satisfactory	
24	Khanditara	2419	17.03.2023	2:15 PM	21	7.1	8.2	1.2	7.7	790	130	NA	Satisfactory	
25	Binjarpur	3922	17.03.2023	12:50 PM	22	7.1	8.0	1.4	7.7	1300	230	NA	Satisfactory	
26	Ali	2420	13.03.2023	12:50 PM	27.8	7.8	8.2	1.1	7.8	1300	220	NA	Satisfactory	
27	Sankh U/s	2412	09.03.2023	10:30 AM	27	7.2	7.4	1.2	7.9	1100	490	NA	Satisfactory	
28	Koel U/s	2413	09.03.2023	5:30 PM	25	7.4	7.3	1.1	7.9	4900	1700	NA	Satisfactory	
29	Guradi nallah	3923	09.03.2023	2:00 PM	30	7.6	6.1	4.7	40.0	54000	9400	79	Unsatisfactory	BOD,TC,FC
30	Badajhor	3924	14.03.2023	3:30 PM	28	7.6	7.4	1.5	16.0	2400	490	NA	Satisfactory	

31	Damsala at Dayanabil	3933	16.03.2023	12:10 PM	22	7.2	6.5	1.4	12.0	2200	340	NA	Satisfactory	
32	Gondanallah at Marthapur	3934	17.03.2023	2:40 PM	22	7.1	7.9	1.9	23.0	3500	940	NA	Satisfactory	
33	Karo at Barbil	3915	20.03.2023	4:50 PM	26	6.8	6.2	1.2	7.6	3900	1100	NA	Satisfactory	
34	Lingira U/s	3925	14.03.2023	3:30 PM	27	7.7	8.2	1.1	7.8	1100	230	NA	Satisfactory	
35	Lingira D/s	3926	14.03.2023	4:20 PM	27	7.8	8.2	1.4	12.0	1400	330	NA	Satisfactory	
36	Ramiala near Kamakhyanagar	3932	14.03.2023	12:15 PM	28	7.9	8.0	1.2	7.8	1700	330	NA	Satisfactory	
37	Bangurunallah	3930	13.03.2023	12:10 PM	26	7.4	6.6	1.6	12.0	2400	490	13	Satisfactory	
38	Singadajhor	3929	13.03.2023	1:20 PM	28	7.8	8.6	1.3	7.8	3500	490	NA	Satisfactory	
39	Tikira U/s	3927	13.03.2023	4:20 PM	27	7.9	8.4	1.2	7.8	4000	1300	NA	Satisfactory	
40	Tikira D/s	3928	13.03.2023	3:30 PM	28	7.7	8.6	1.5	12.0	4700	1700	NA	Satisfactory	
41	Bangurusingada jhor	3931	14.03.2023	11:00 AM	26	7.9	5.8	1.5	16.0	3500	1100	NA	Satisfactory	

NA : Not analysed

River system : Budhabalanga

March, 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	17.03.2023	12:50 PM	23	8.3	7.6	1.6	12.0	4900	1300	22	Satisfactory	
2	Balasure U/s	3943	17.03.2023	4:05 PM	23	7.6	7.2	1.1	7.7	1300	230	NA	Satisfactory	
3	Balasure D/s	2424	17.03.2023	5:00 PM	22	8.0	6.0	1.3	7.7	2800	490	NA	Satisfactory	
4	Hatiagond (Sona)	3942	17.03.2023	10:30 AM	22	8.0	6.8	1.2	7.7	790	170	NA	Satisfactory	

NA : Not analysed

River system : Vansadhara

March, 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	04.03.2023	1:10 PM	23	7.9	7.4	1.2	7.9	1300	130	NA	Satisfactory	
2	Gunupur	2427	04.03.2023	4:05 PM	24	7.9	7.2	1.1	7.9	2200	790	NA	Satisfactory	

NA : Not analysed

River system : Subarnarekha

March, 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	17.03.2023	2:35 PM	23	8.2	6.8	1.8	15.0	2200	340	NA	Satisfactory	

NA : Not analysed

River system : Nagavali

March, 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	04.03.2023	11:05 AM	20	7.6	7.4	1.1	7.9	490	130	NA	Satisfactory	
2	Jaykaypur D/s	1642	04.03.2023	9:15 AM	20	7.7	6.8	1.1	7.9	1700	700	11	Satisfactory	
3	Rayagada D/s	1643	04.03.2023	7:40 AM	17	7.8	7.2	1.6	12.0	1100	490	8	Satisfactory	

NA : Not analysed

River system : Kolab

March, 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	22.03.2023	4:20 PM	26	7.6	6.4	1.9	15.0	1100	230	NA	Satisfactory	

NA : Not analysed

River system : Indravati

March, 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	22.03.2023	1:40 PM	30	7.7	7.5	1.2	7.6	790	170	NA	Satisfactory	

NA : Not analysed

River system : Bahuda

March, 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	14.03.2023	8:00 AM	28	8.4	11.6	1.6	12.0	3500	790	NA	Satisfactory	

NA : Not analysed