

# Water Quality Bulletin of State Pollution Control Board, Odisha

River system : Mahanadi

March, 2017

## Criteria for Satisfactory WQI

DO >4.0 mg/l

BOD < 3 mg/l

TC < 5000 MPN/100 ml

FC < 2500 MPN/ 100 ml

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Sundargarh	1267	21.3.2017	7.8	9.2	0.4	330	45	Satisfactory	
2	Jharsuguda	1268	21.3.2017	7.9	8.4	0.5	1400	210	Satisfactory	
3	Brajrajnagar-U/S	1300	21.3.2017	7.8	9.1	0.6	1300	490	Satisfactory	
4	Brajrajnagar-D/S	1269	21.3.2017	8.0	9	1	1400	460	Satisfactory	
5	Bheden	2403	21.3.2017	8.3	7.6	1	270	45	Satisfactory	
6	Hirakud	1281	22.3.2017	8.2	8.3	0.5	23	23	Satisfactory	
7	Sambalpur U/S	1270	22.3.2017	8.1	7.4	0.6	1400	490	Satisfactory	
8	Sambalpur D/S	1271	22.3.2017	7.9	7.1	1.7	7900	4900	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath	3887	22.3.2017	7.6	7.6	1.6	4900	2300	Satisfactory	
10	Sambalpur FD/S at Huma	2405	22.3.2017	8.2	8.4	0.5	490	220	Satisfactory	
11	Power Channel U/S	3888	22.3.2017	8.4	8.2	0.3	790	490	Satisfactory	
12	Power Channel D/S	2404	22.3.2017	8.3	7.6	0.7	940	490	Satisfactory	
13	Sonepur U/S	1272	22.3.2017	8.1	8.5	0.3	490	110	Satisfactory	
14	Sonepur D/S	1274	22.3.2017	8.4	7.9	0.8	1300	490	Satisfactory	
15	Tikarpada	1275	20.3.2017	8.3	9.2	0.5	130	45	Satisfactory	
16	Narasinghpur	1276	06.3.2017	8.4	8.6	1.2	2400	490	Satisfactory	
17	Munduli	2406	06.3.2017	8.4	8.4	0.6	1700	490	Satisfactory	
18	Cuttack U/s	1277	03.3.2017	8.1	7.9	0.8	1300	490	Satisfactory	
19	Cuttack D/s	1278	03.3.2017	8.3	7.6	1.3	4900	1700	Satisfactory	
20	Cuttack FD/s	3890	03.3.2017	8.3	9.6	1	3300	1100	Satisfactory	
21	Paradeep U/S	2407	27.3.2017	8.2	7.3	0.4	45	45	Satisfactory	
22	Paradeep D/S	1639	27.3.2017	7.9	7.4	1.2	45	45	Satisfactory	

23	Tel	2408	22.3.2017	8.3	7.5	0.5	460	78	Satisfactory	
24	Kathajodi U/s	3891	03.3.2017	8.3	7.2	0.9	1300	130	Satisfactory	
25	Kathajodi D/s	1301	03.3.2017	8.3	8	3.5	>160000	160000	Unsatisfactory	BOD, TC, FC
26	Kathajodi FD/s (Mattagajpur)	3892	03.3.2017	8.4	6.9	8	17000	17000	Unsatisfactory	BOD, TC, FC
27	Sankhatrasa	2409	03.3.2017	8.2	7.7	3.2	>160000	92000	Unsatisfactory	BOD, TC, FC
28	Kuakhai FU/s	2410	30.3.2017	8.4	8.6	0.6	1400	790	Satisfactory	
29	Kuakhai U/s	1279	30.3.2017	8.4	7.7	1	2400	1300	Satisfactory	
30	Kuakhai D/s	1280	30.3.2017	7.6	4.8	5.9	13000	7900	Unsatisfactory	BOD, TC, FC
31	Kuakhai FD/s	2411	30.3.2017	7.4	4.9	5.1	13000	7900	Unsatisfactory	BOD, TC, FC
32	Birupa	1640	16.3.2017	8.4	7.5	0.6	1400	700	Satisfactory	
33	Gangua	3899	30.3.2017	7.3	3.9	7.5	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC

River system : Rushikulya

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/10 0 ml	WQI	Non-conforming parameter (s)
1	Madhopur	1455	14.3.2017	8.4	8.1	1.8	1100	1100	Satisfactory	
2	Potagarh	1456	14.3.2017	8.0	7.8	2.4	45	20	Satisfactory	

## River system : Baitarani

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Kusei	2421	15.3.2017	8.4	8	1.6	130	78	Satisfactory	
2	Joda	1081	16.3.2017	8.2	8.6	1.3	330	130	Satisfactory	
3	Anandpur	1082	15.3.2017	8.4	6.6	1	230	130	Satisfactory	
4	Jajpur	1083	16.3.2017	8.4	7.6	1.8	>160000	>160000	Unsatisfactory	TC, FC
5	Chandbali U/s	1084	03.3.2017	8.3	7.9	0.7	>16000	9200	Unsatisfactory	TC, FC
6	Chandbali D/s	10018	03.3.2017	8.3	6.6	0.6	5400	1300	Unsatisfactory	TC
7	Dhamra	1085	16.3.2017	8.0	5.2	1	3500	1300	Satisfactory	
8	Bhadrak u/s	3940	17.3.2017	8.4	6.1	0.6	>160000	92000	Unsatisfactory	TC, FC
9	Bhadrak D/s	3941	17.3.2017	8.4	5.8	0.8	>160000	92000	Unsatisfactory	TC, FC

## River system : Brahmani

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Panposh U/S	1037	16.3.2017	8.4	8.8	1.4	3500	790	Satisfactory	
2	Panposh D/S	1038	16.3.2017	7.9	7.5	4.8	13000	4900	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	16.3.2017	7.7	6.9	3.5	28000	14000	Unsatisfactory	BOD, TC, FC
4	Attaghat	3916	16.3.2017	8.1	7.3	2.6	4600	1300	Satisfactory	
5	Biritola	2414	16.3.2017	8.2	8.4	1.8	1300	330	Satisfactory	
6	Bonaigarh	1039	16.3.2017	8.2	8.2	0.7	490	110	Satisfactory	
7	Rengali	1040	16.3.2017	8.3	5.8	0.8	45	20	Satisfactory	
8	Samal	1041	16.3.2017	8.3	7.9	0.4	5400	2400	Unsatisfactory	TC
9	Talcher FU/S	2415	28.3.2017	8.4	7.1	0.5	790	230	Satisfactory	
10	Talcher U/s	1303	28.3.2017	7.9	8.7	1.6	3500	1400	Satisfactory	
11	Talcher D/S	1042	28.3.2017	7.9	7.9	2	5400	4900	Unsatisfactory	TC, FC
12	Talcher FD/S	2416	28.3.2017	8.2	7.3	1.9	1300	490	Satisfactory	
13	Nandira U/s	3919	28.3.2017	8.2	9.4	1	5400	3500	Unsatisfactory	TC, FC

14	Nandira D/s	3920	28.3.2017	8.4	7.6	1.8	35000	24000	Unsatisfactory	TC, FC
15	Kisindajhor	3921	28.3.2017	8.1	8.9	0.6	92	20	Satisfactory	
16	Dhenkanal U/s	3918	28.3.2017	7.8	8	0.9	1700	1100	Unsatisfactory	TC, FC
17	Dhenkanal D/s	2417	29.3.2017	8.1	8.1	1	3300	1300	Satisfactory	
18	Bhuban	1043	20.3.2017	8.0	8	0.8	790	170	Satisfactory	
19	Kabatabandha	2418	20.3.2017	7.8	8.4	0.8	330	330	Satisfactory	
20	Dharmasala U/s	1044	16.3.2017	8.4	6.6	0.7	110	40	Satisfactory	
21	Dharmasala D/s	10019	16.3.2017	8.2	6.8	0.8	330	220	No sample collected	
22	Pottamundai	1045	03.3.2017	8.3	8.2	1.4	3500	1300	Satisfactory	
23	Khanditara	2419	17.3.2017	8.4	7.8	1.6	5400	2400	Unsatisfactory	TC
24	Binjharpur	3922	16.3.2017	8.4	6.8	1.4	790	220	Satisfactory	
25	Ali	2420	03.3.2017	8.2	7.6	0.8	1100	700	Satisfactory	
26	Sankh U/s	2412	16.3.2017	8.1	8.1	0.8	>16000	16000	Unsatisfactory	TC, FC
27	Koel U/s	2413	16.3.2017	8.5	5.8	0.6	1700	790	Satisfactory	
28	Guradi nallah	3923	16.3.2017	7.6	5.4	5.7	>160000	160000	Unsatisfactory	BOD, TC, FC
29	Badajhor	3924	29.3.2017	8.4	5.6	1.1	35000	24000	Unsatisfactory	TC, FC

River system : Budhabalanga

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Baripada D/S	2423	24.3.2017	8.4	8.2	1.6	330	78	Satisfactory	
2	Balasore U/S	3943	24.3.2017	8.4	7.4	1.5	>160000	92000	Unsatisfactory	TC, FC
3	Balasore D/S Balighat	2424	24.3.2017	8.1	6.2	2.9	>160000	>160000	Unsatisfactory	TC, FC

River system : Vansadhara

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/10 0 ml	WQI	Non-conforming parameter (s)
1	Muniguda	2427	29.3.2017	8.1	6.7	0.5	490	170	Satisfactory	
2	Gunupur	2426	29.3.2017	8.4	6.7	0.3	490	230	Satisfactory	

River system :

Subarnarekha

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/10 0 ml	WQI	Non-conforming parameter (s)
1	Rajghat	1641	24.3.2017	8.3	7.6	1.7	3500	1300	Satisfactory	

River system : Nagavali

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/10 0 ml	WQI	Non-conforming parameter (s)
1	Penta U/s	2422	30.3.2017	8.2	6.8	0.2	3500	1300	Satisfactory	
2	Jaykaypur D/s	1642	30.3.2017	8.4	7.1	1.7	9200	5400	Unsatisfactory	TC, FC
3	Rayagada D/s	1643	30.3.2017	8.4	6.9	0.8	1300	330	Satisfactory	

River system : Kolab

March, 2017

Sl. No.	Name of Station	Code	Sampling date	pH	DO, mg/l	BOD, mg/l	TC, MPN/100 ml	FC, MPN/10 0 ml	WQI	Non-conforming parameter (s)
1	River Kerandi (intake well of NALCO Refinery, HAL, Sunabeda	2425	29.3.2017	7.7	6.5	1.2	>16000	>16000	Unsatisfactory	TC, FC