

## Water Quality Bulletin of State Pollution Control Board, Odisha

River system : Mahanadi

February, 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	28.02.2017	7.8	7.5	0.7	700	110	Satisfactory	
2	Jharsuguda	1268	28.02.2017	8.15	7.9	0.7	45	20	Satisfactory	
3	Brajrajnagar-U/S	1300	28.02.2017	7.8	8.8	1.3	1300	270	Satisfactory	
4	Brajrajnagar-D/S	1269	28.02.2017	7.56	8.5	1.7	1400	460	Satisfactory	
5	Bheden	2403	28.02.2017	7.34	8.4	0.8	330	68	Satisfactory	
6	Hirakud	1281	27.02.2017	8	7.9	0.6	490	130	Satisfactory	
7	Sambalpur U/S	1270	27.02.2017	7.94	8.3	1.3	78	45	Satisfactory	
8	Sambalpur D/S	1271	27.02.2017	7.53	8	2.4	13000	4900	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath		01.03.2017	7.6	8.4	1.9	11000	4900	Unsatisfactory	TC, FC
10	Sambalpur FD/S at Huma	2405	01.03.2017	7.8	8.4	1.1	11000	3500	Unsatisfactory	TC, FC
11	Power Channel U/S		27.02.2017	7.8	7.4	0.6	490	170	Satisfactory	
12	Power Channel D/S	2404	27.02.2017	7.93	6.8	1.3	490	230	Satisfactory	
13	Sonepur U/S	1272	01.03.2017	7.63	9	0.8	1400	490	Satisfactory	
14	Sonepur D/S	1274	01.03.2017	7.74	9	1	1700	490	Satisfactory	
15	Tikarpada	1275	27.02.2017	7.7	6.7	0.5	490	110	Satisfactory	
16	Narasinghpur	1276	03.02.2017	7.8	8.4	0.5	3500	1300	Satisfactory	
17	Munduli	2406	03.02.2017	8	7.8	1	920	350	Satisfactory	
18	Cuttack U/s	1277	17.02.2017	8.4	7.6	1.2	230	130	Satisfactory	
19	Cuttack D/s	1278	17.02.2017	8.2	6.8	2.1	92000	54000	Unsatisfactory	TC, FC
20	Cuttack FD/s		No sample collected	No sample						

21	Paradeep U/S	2407	20.02.2017	8.25	8.8	0.8	130	130	Satisfactory	
22	Paradeep D/S	1639	20.02.2017	8.13	7.7	2.3	230	45	Satisfactory	
23	Tel	2408	01.03.2017	7.65	8.2	0.7	78	45	Satisfactory	
24	Kathajodi U/s		17.02.2017	8.4	7.7	1	700	490	Satisfactory	
25	Kathajodi D/s	1301	17.02.2017	8.4	6.5	5.4	>160000	>160000	Unsatisfactory	BOD, TC, FC
26	Kathajodi FD/s (Mattagajpur)		17.02.2017	8.4	4.9	10.7	3500	2400	Unsatisfactory	BOD
27	Sankhatrasa	2409	17.02.2017	8.4	6.9	4.4	>160000	>160000	Unsatisfactory	BOD, TC, FC
28	Kuakhai FU/s	2410	08.02.2017	8.35	6.3	0.8	3500	1300	Satisfactory	
29	Kuakhai U/s	1279	08.02.2017	8.18	6.9	1.2	13000	7900	Unsatisfactory	TC, FC
30	Kuakhai D/s	1280	08.02.2017	7.63	5.7	5.8	92000	54000	Unsatisfactory	BOD, TC, FC
31	Kuakhai FD/s	2411	08.02.2017	6.76	6.2	5.2	54000	54000	Unsatisfactory	BOD, TC, FC
32	Birupa	1640	27.02.2017	8.05	7.6	0.6	9200	5400	Unsatisfactory	TC, FC
33	Gangua		08.02.2017	7.28	5.2	19.9	>160000	>160000	Unsatisfactory	BOD, TC, FC

River system : Rushikulya

February,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	Madhopur	1455	17.02.2017	8.44	7.6	0.5	1700	1300	Satisfactory	
2	Potagarh	1456	17.02.2017	8.2	8.3	1.5	230	45	Satisfactory	

## River system : Baitarani

February,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	15.02.2017	8.45	7.5	0.5	5400	3500	Unsatisfactory	TC, FC
2	Joda	1081	14.02.2017	7.87	7.9	1.5	1700	790	Satisfactory	
3	Anandpur	1082	15.02.2017	8.1	7.9	0.5	3500	1300	Satisfactory	
4	Jajpur	1083	27.02.2017	7.81	8.3	1.6	35000	24000	Unsatisfactory	TC, FC
5	Chandbali U/s	1084	06.02.2017	7.96	8.1	0.8	16000	9200	Unsatisfactory	TC, FC
6	Chandbali D/s	10018	06.02.2017	8.22	7.3	0.7	16000	16000	Unsatisfactory	TC, FC
7	Dhamra	1085	27.02.2017	7.54	6.3	1.6	2400	1300	Satisfactory	
8	Bhadrak u/s		28.02.2017	7.5	6.2	1.6	4900	2300	Satisfactory	
9	Bhadrak D/s		28.02.2017	7.45	5.4	2.1	>160000	>160000	Unsatisfactory	TC, FC

## River system : Brahmani

February,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	14.02.2017	7.79	8.6	1.3	5400	1100	Unsatisfactory	TC
2	Panposh D/S	1038	14.02.2017	6.5	6.5	5.3	>160000	160000	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	14.02.2017	6.82	5.7	4.2	92000	54000	Unsatisfactory	BOD, TC, FC
4	Attaghat		13.02.2017	8.1	7.4	0.9	460	130	Satisfactory	
5	Biritola	2414	13.02.2017	7.92	8.3	0.5	2200	790	Satisfactory	
6	Bonaigarh	1039	13.02.2017	7.98	10.5	1.7	45	20	Satisfactory	
7	Rengali	1040	13.02.2017	7.73	8	0.7	540	350	Satisfactory	
8	Samal	1041	13.02.2017	7.65	8.6	1.6	2200	940	Satisfactory	
9	Talcher FU/S	2415	13.02.2017	7.94	9.9	1.4	2400	790	Satisfactory	
10	Talcher U/s	1303	13.02.2017	8.02	8.3	1.6	1300	490	Satisfactory	
11	Talcher D/S	1042	13.02.2017	7.52	8.1	2.3	3500	1700	Satisfactory	
12	Talcher FD/S	2416	13.02.2017	7.44	8.5	1.3	1300	490	Satisfactory	
13	Nandira U/s		13.02.2017	7.7	8.8	1.75	3500	1700	Satisfactory	

14	Nandira D/s		13.02.2017	7.4	10.8	3.2	5400	2200	Unsatisfactory	TC
15	Kisindajhor		13.02.2017	7.28	8	0.8	3500	2200	Satisfactory	
16	Dhenkanal U/s		13.02.2017	8.1	11.1	0.5	9200	5400	Unsatisfactory	TC, FC
17	Dhenkanal D/s	2417	14.02.2017	7.8	7.9	0.8	1700	490	Satisfactory	
18	Bhuban	1043	22.02.2017	8.1	8.3	0.7	790	220	Satisfactory	
19	Kabatabandha	2418	22.02.2017	7.9	8.1	0.6	490	170	Satisfactory	
20	Dharmasala U/s	1044	27.02.2017	7.6	6.8	1	3500	2400	Satisfactory	
21	Dharmasala D/s	10019	27.02.2017	7.35	8.6	1.5	14000	7000	Unsatisfactory	TC, FC
22	Pottamundai	1045	06.02.2017	7.53	9.5	1.8	16000	5400	Unsatisfactory	TC, FC
23	Khanditara	2419	28.02.2017	7.5	7.7	0.7	110	40	Satisfactory	
24	Binjharpur		27.02.2017	7.8	8.7	1.8	24000	13000	Unsatisfactory	TC, FC
25	Ali	2420	06.02.2017	7.5	8.7	1.8	24000	13000	Unsatisfactory	TC, FC
26	Sankh U/s	2412	14.02.2017	7.55	6.7	0.9	3500	1700	Satisfactory	
27	Koel U/s	2413	14.02.2017	8.17	7.8	1	9200	5400	Unsatisfactory	TC, FC
28	Guradi nallah		14.02.2017	5.8	8.5	7.5	>160000	160000	Unsatisfactory	BOD, TC, FC

**River system : Budhabalanga**

**February,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	16.02.2017	8.4	7.8	1.9	5400	2200	Unsatisfactory	TC
2	Balasore U/S		16.02.2017	8.39	8.4	1.6	5400	3500	Unsatisfactory	TC, FC
3	Balasore D/S Balighat	2424	16.02.2017	8.45	8.5	2	54000	35000	Unsatisfactory	TC, FC

**River system : Vansadhara**

**February,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	Muniguda	2427	21.02.2017	8.4	7	1	3500	1300	Satisfactory	
2	Gunupur	2426	21.02.2017	8.3	6.9	1.7	3300	3300	Satisfactory	

River system :  
Subarnarekha

February,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	Rajghat	1641	16.02.2017	8.3	7.4	0.9	3500	2400	Satisfactory	

River system : Nagavali

February,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	Penta U/s	2422	22.02.2017	8.3	7.1	1.9	130	45	Satisfactory	
2	Jaykaypur D/s	1642	22.02.2017	8.4	7.4	2.6	230	170	Satisfactory	
3	Rayagada D/s	1643	22.02.2017	8.3	7.2	1.1	490	170	Satisfactory	

River system : Kolab

February,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	River Kerandi (intake well of NALCO Refinery, HAL, Sunabeda	2425	21.02.2017	8	0.8	0.3	230	230	Satisfactory	