

Water Quality Bulletin of State Pollution Control Board, Odisha

River system : Mahanadi

January, 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	17.01.2017	7.74	8.5	0.9	78	20	Satisfactory	
2	Jharsuguda	1268	17.01.2017	7.5	8.1	0.6	3500	1100	Satisfactory	
3	Brajrajnagar-U/S	1300	17.01.2017	8.1	9.5	0.7	490	130	Satisfactory	
4	Brajrajnagar-D/S	1269	17.01.2017	8.2	9.5	0.8	1300	490	Satisfactory	
5	Bheden	2403	17.01.2017	8.25	8.8	0.09	490	110	Satisfactory	
6	Hirakud	1281	18.01.2017	8.02	8	0.8	5400	2400	Unsatisfactory	TC
7	Sambalpur U/S	1270	16.01.2017	7.85	8.6	0.7	790	330	Satisfactory	
8	Sambalpur D/S	1271	18.01.2017	8.2	8.3	2.3	9200	5400	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath		18.01.2017	7.49	9.5	1.5	490	170	Satisfactory	
10	Sambalpur FD/S at Huma	2405	18.01.2017	8	9.5	1	5400	2200	Unsatisfactory	TC
11	Power Channel U/S		16.01.2017	7.68	8	0.8	220	20	Satisfactory	
12	Power Channel D/S	2404	16.01.2017	8.15	8	0.9	220	110	Satisfactory	
13	Sonepur U/S	1272	18.01.2017	8.22	8.5	0.6	700	130	Satisfactory	
14	Sonepur D/S	1274	18.01.2017	7.76	8.2	0.6	490	130	Satisfactory	
15	Tikarpada	1275	19.01.2017	7.65	8.3	0.6	1400	170	Satisfactory	
16	Narasinghpur	1276	07.01.2017	7.68	8.7	0.8	1700	790	Satisfactory	
17	Munduli	2406	07.01.2017	7.72	9.2	0.6	2400	790	Satisfactory	
18	Cuttack U/s	1277	09.01.2017	8.12	8.8	0.4	230	45	Satisfactory	
19	Cuttack D/s	1278	09.01.2017	7.75	8.2	1.6	17000	7900	Unsatisfactory	TC, FC
20	Cuttack FD/s		09.01.2017	7.7	9.2	0.7	35000	24000	Unsatisfactory	TC, FC
21	Paradeep U/S	2407	27.01.2017	8.35	7.2	1	220	45	Satisfactory	
22	Paradeep D/S	1639	27.01.2017	8.03	7.3	0.5	330	330	Satisfactory	

23	Tel	2408	18.01.2017	7.44	9.6	1	330	45	Satisfactory	
24	Kathajodi U/s		09.01.2017	7.2	9.9	0.5	230	230	Satisfactory	
25	Kathajodi D/s	1301	09.01.2017	7.36	9.8	3.5	>160000	160000	Unsatisfactory	BOD, TC, FC
26	Kathajodi FD/s (Mattagajpur)		09.01.2017	7.67	14.1	8	3500	2200	Unsatisfactory	BOD
27	Sankhatrasa	2409	09.01.2017	7.29	6	3.2	>160000	>160000	Unsatisfactory	BOD, TC, FC
28	Kuakhai FU/s	2410	24.01.2017	8.12	9.2	0.4	2400	790	Satisfactory	
29	Kuakhai U/s	1279	24.01.2017	7.94	8.6	0.4	7900	3300	Unsatisfactory	TC, FC
30	Kuakhai D/s	1280	24.01.2017	7.4	5.8	6	160000	92000	Unsatisfactory	BOD, TC, FC
31	Kuakhai FD/s	2411	24.01.2017	7.35	7.5	5.4	160000	92000	Unsatisfactory	BOD, TC, FC
32	Birupa	1640	11.01.2017	7.75	8.6	1.1	1300	490	Satisfactory	
33	Gangua		24.01.2017	7.45	3.1	10.4	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC

River system : Rushikulya

January, 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	24.01.2017	8.18	8	1.8	9200	5400	Unsatisfactory	TC, FC
2	Potagarh	1456	24.01.2017	7.9	8.1	2.8	220	78	Satisfactory	

River system : Baitarani

January, 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	12.01.2017	7.9	8.7	0.4	9200	5400	Unsatisfactory	TC, FC
2	Joda	1081	11.01.2017	7.86	9.1	0.4	1700	790	Satisfactory	
3	Anandpur	1082	12.01.2017	7.65	8.6	0.4	3500	1300	Satisfactory	
4	Jajpur	1083	10.01.2017	7.88	8.8	0.8	9200	5400	Unsatisfactory	TC, FC
5	Chandbali U/s	1084	03.01.2017	7.42	7.2	0.9	35000	17000	Unsatisfactory	TC, FC
6	Chandbali D/s	10018	03.01.2017	7.71	7.2	0.7	1,60,000	92000	Unsatisfactory	TC, FC
7	Dhamra	1085	11.01.2017	7.9	7	0.7	16000	5400	Unsatisfactory	TC, FC
8	Bhadrak u/s		10.01.2017	7.6	8.4	0.7	54000	24000	Unsatisfactory	TC, FC
9	Bhadrak D/s		10.01.2017	7.75	8.3	0.9	>160000	>160000	Unsatisfactory	TC, FC

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	11.01.2017	7.5	7.7	0.8	1300	790	Satisfactory	
2	Panposh D/S	1038	11.01.2017	6.74	7.1	1.5	54000	22000	Unsatisfactory	TC, FC
3	Jalda (Rourkela D/S)	1302	11.01.2017	7.2	8.5	1.2	92000	54000	Unsatisfactory	TC, FC
4	Attaghat		10.01.2017	8.13	9.8	0.7	2400	790	Satisfactory	
5	Biritola	2414	10.01.2017	7.4	9.6	0.6	2200	790	Satisfactory	
6	Bonaigarh	1039	10.01.2017	7.56	10.7	0.6	230	45	Satisfactory	
7	Rengali	1040	10.01.2017	7.98	8.8	0.4	1100	490	Satisfactory	
8	Samal	1041	10.01.2017	7.61	9.4	0.5	490	130	Satisfactory	
9	Talcher FU/S	2415	18.01.2017	7.5	8.6	0.5	3500	2400	Satisfactory	
10	Talcher U/s	1303	18.01.2017	7.7	9.2	0.6	220	130	Satisfactory	
11	Talcher D/S	1042	18.01.2017	7.65	8.2	1.3	700	330	Satisfactory	
12	Talcher FD/S	2416	18.01.2017	7.65	8.3	1.1	16000	9200	Unsatisfactory	TC, FC
13	Nandira U/s		18.01.2017	8	8	2.6	>160000	>160000	Satisfactory	
14	Nandira D/s		18.01.2017	7.87	8.8	1.2	1700	1100	Unsatisfactory	TC
15	Kisindajhor		18.01.2017	8.26	9.6	2.9	5400	2200	Satisfactory	
16	Dhenkanal U/s		17.01.2017	8.21	5.3	0.9	2400	790	Satisfactory	
17	Dhenkanal D/s	2417	17.01.2017	7.63	10.1	0.5	2400	790	Unsatisfactory	TC
18	Bhuban	1043	30.01.2017	7.57	9.5	0.5	5400	2200	Satisfactory	
19	Kabatabandha	2418	30.01.2017	8.05	9.6	1.3	1700	790	Satisfactory	
20	Dharmasala U/s	1044	10.01.2017	8.2	8.7	1.6	1300	790	Unsatisfactory	TC, FC
21	Dharmasala D/s	10019	10.01.2017	7.94	10.2	0.8	16000	9200	Unsatisfactory	TC, FC
22	Pottamundai	1045	03.01.2017	7.92	10	1	>16000	>16000	Unsatisfactory	TC
23	Khanditara	2419	11.01.2017	7.2	8.8	0.8	5400	2400	Satisfactory	
24	Binjharpur		10.01.2017	7.82	8.7	0.6	1300	790	Unsatisfactory	TC
25	Ali	2420	03.01.2017	7.73	9.5	0.6	5400	2400	Unsatisfactory	TC, FC
26	Sankh U/s	2412	11.01.2017	7.54	7.7	0.4	17000	7900	Satisfactory	
27	Koel U/s	2413	11.01.2017	7.3	8.8	0.8	1300	490	Unsatisfactory	TC, FC
28	Guradi nallah		11.01.2017	7.52	9.7	0.6	5400	3500	Unsatisfactory	BOD, TC, FC

River system : Budhabalanga

January, 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	27.01.2017	8.08	8.8	1.2	3500	1700	Satisfactory	
2	Balasore U/S		27.01.2017	8.3	7.2	0.7	330	130	Satisfactory	
3	Balasore D/S Balighat	2424	27.01.2017	8.13	7.6	2.1	35000	24000	Unsatisfactory	TC, FC

River system : Vansadhara

January, 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	21.01.2017	8.3	7.2	0.5	230	230	Satisfactory	
2	Gunupur	2426	21.01.2017	8.3	7.1	0.3	1100	490	Satisfactory	

River system : Subarnarekha

January, 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	27.01.2017	8.3	8.2	0.3	330	130	Satisfactory	

River system : Nagavali

January, 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	20.01.2017	8.13	7.3	0.3	790	220	Satisfactory	
2	Jaykaypur D/s	1642	20.01.2017	8.25	7.5	3.5	3500	1700	Unsatisfactory	BOD
3	Rayagada D/s	1643	20.01.2017	8.28	7.2	0.5	7900	3300	Unsatisfactory	TC, FC

River system : Kolab

January, 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	19.01.2017	7.5	7.4	0.2	700	330	Satisfactory	