

Water Quality Bulletin of State Pollution Control Board, Odisha

River system : Mahanadi

April, 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	18.4.2017	8	8.3	0.4	110	20	Satisfactory	
2	Jharsuguda	1268	18.4.2017	8.08	8.5	1.3	9200	5400	Unsatisfactory	TC, FC
3	Brajrajnagar-U/S	1300	18.4.2017	8.15	7.7	1.3	2200	790	Satisfactory	
4	Brajrajnagar-D/S	1269	18.4.2017	8.43	7.9	1.5	2400	790	Satisfactory	
5	Bheden	2403	18.4.2017	8.32	7.4	1.6	790	220	Satisfactory	
6	Hirakud	1281	18.4.2017	8.11	7.9	0.8	270	170	Satisfactory	
7	Sambalpur U/S	1270	18.4.2017	8.17	8.1	1.6	1700	790	Satisfactory	
8	Sambalpur D/S	1271	19.4.2017	8.31	5.7	2.9	35000	17000	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath	3887	17.4.2017	8.26	7.5	2.3	3500	1300	Satisfactory	
10	Sambalpur FD/S at Huma	2405	17.4.2017	8.22	8.5	0.8	1300	490	Satisfactory	
11	Power Channel U/S	3888	17.4.2017	8.18	6.3	0.7	1300	490	Satisfactory	
12	Power Channel D/S	2404	18.4.2017	8.2	5.8	0.5	1400	790	Satisfactory	
13	Sonepur U/S	1272	17.4.2017	8.3	8	0.5	790	270	Satisfactory	
14	Sonepur D/S	1274	17.4.2017	8.32	8	0.7	790	330	Satisfactory	
15	Tikarpada	1275	19.4.2017	8.23	7.7	1	5400	2400	Unsatisfactory	TC
16	Narasinghpur	1276	21.4.2017	8.4	8.3	0.8	1100	700	Satisfactory	
17	Munduli	2406	21.4.2017	8.4	7.8	0.6	2400	790	Satisfactory	
18	Cuttack U/s	1277	06.4.2017	8.02	8.5	0.7	790	490	Satisfactory	
19	Cuttack D/s	1278	06.4.2017	7.83	7.1	1.2	3300	3300	Unsatisfactory	FC
20	Cuttack FD/s	3890	06.4.2017	7.85	7.9	1	1400	1100	Satisfactory	
21	Paradeep U/S	2407	20.4.2017	8.2	7.1	0.5	490	170	Satisfactory	
22	Paradeep D/S	1639	20.4.2017	8.13	7	0.5	110	45	Satisfactory	

23	Ong river, Dharuakhaman		27.4.2017	8.5	9.8	1.1	20	<1.8	Satisfactory	
24	Tel	2408	17.4.2017	8.3	7.4	1	20	<1.8	Satisfactory	
25	Kathajodi U/s	3891	06.4.2017	8.25	8.5	0.8	330	130	Satisfactory	
26	Kathajodi D/s	1301	06.4.2017	7.03	5.4	3.8	>160000	160000	Unsatisfactory	BOD, TC, FC
27	Kathajodi FD/s (Mattagajpur)	3892	06.4.2017	6.96	4.2	9.6	5400	2400	Unsatisfactory	BOD, TC
28	Sankhatrasa	2409	06.4.2017	8.11	4.4	3.2	>160000	160000	Unsatisfactory	BOD, TC, FC
29	Kuakhai FU/s	2410	21.4.2017	8.1	9.4	0.8	700	220	Satisfactory	
30	Kuakhai U/s	1279	21.4.2017	8.1	6.5	0.6	11000	7900	Unsatisfactory	TC, FC
31	Kuakhai D/s	1280	21.4.2017	8.25	2.8	4.3	54000	35000	Unsatisfactory	DO, BOD, TC, FC
32	Kuakhai FD/s	2411	21.4.2017	7.37	3.1	4.1	43000	35000	Unsatisfactory	DO, BOD, TC, FC
33	Daya at Kanas	3895	24.4.2017	8.1	4.7	1.3	>16000	9200	Unsatisfactory	TC, FC
34	Daya at Gelapur	3894	24.4.2017	7.7	8.7	1	>16000	>16000	Unsatisfactory	TC, FC
35	Birupa	1640	16.3.2017	8.4	11.25	0.5	1100	490	Satisfactory	
36	Gangua at Rajdhani College	3996	24.4.2017	7.1	0.6	24	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
37	Gangua at Palasuni	3897	24.4.2017	7	0.8	39	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
38	Gangua at Samantarapur	3898	24.4.2017	7.1	0.3	35	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
39	Gangua at vadimula	3899	24.4.2017	8.05	0.3	14	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
40	Kushabhadra at Bhingarpur	3903	24.4.2017	8.4	4.2	1.3	1700	1700	Satisfactory	
41	Kushabhadra at Nimapara	3904	24.4.2017	8.3	4.7	1	54000	24000	Unsatisfactory	TC, FC
42	Kushabhadra at Gop	3905	24.4.2017	8.4	4.1	0.5	5400	5400	Unsatisfactory	TC, FC
43	Bhargavi at Chandanpur	3908	24.4.2017	8.3	8.5	0.8	>16000	>16000	Unsatisfactory	TC, FC
44	Kusumi	3913	28.4.2017	8.4	4.1	3.2	1300	1300	Unsatisfactory	BOD
45	River Kansari	3909	28.4.2017	8.1	5	1.6	940	940	Satisfactory	
46	River Sabulia	3914	28.4.2017	8.4	4.1	5	9200	5400	Unsatisfactory	BOD, TC, FC
47	River Badasankha	3910	28.4.2017	7.4	7.8	2.3	13000	13000	Unsatisfactory	TC, FC

River system : Rushikulya

April, 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	26.4.2017	8.3	0.7	18.2	3500	3500	Unsatisfactory	FC
2	Potagarh	1456	26.4.2017	7.5	2	41.3	78	45	Satisfactory	

River system : Baitarani

April, 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	26.4.2017	8.4	7	1.3	16000	16000	Unsatisfactory	TC, FC
2	Joda	1081	25.4.2017	8.1	8	0.7	330	110	Satisfactory	
3	Anandpur	1082	26.4.2017	8.3	6.5	1.1	2800	1700	Satisfactory	
4	Jajpur	1083	18.4.2017	7.7	5.6	1.5	160000	92000	Unsatisfactory	TC, FC
5	Chandbali U/s	1084	06.4.2017	7.84	7.2	0.8	>16000	9200	Unsatisfactory	TC, FC
6	Chandbali D/s	10018	06.4.2017	7.6	5.2	1.3	>16000	9200	Unsatisfactory	TC, FC
7	Dhamra	1085	19.4.2017	7.23	6.7	1.6	1300	490	Satisfactory	
8	Bhadrak u/s	3940	21.4.2017	8.45	6.4	1.2	2400	2400	Satisfactory	
9	Bhadrak D/s	3941	21.4.2017	8.42	6.6	1.4	11000	7900	Unsatisfactory	TC, FC

River system : Brahmani

April, 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	24.4.2017	8.1	6.8	0.4	2800	1300	Satisfactory	
2	Panposh D/S	1038	25.4.2017	6.5	5.6	5.8	7900	3300	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	25.4.2017	7.1	6.1	4.8	11000	7900	Unsatisfactory	BOD, TC, FC
4	Attaghat	3916	24.4.2017	8	6.1	1.5	20	<1.8	Satisfactory	
5	Biritola	2414	24.4.2017	7.9	8.1	1.4	430	230	Satisfactory	
6	Bonaigarh	1039	24.4.2017	7.8	7.8	1	20	<1.8	Satisfactory	
7	Rengali	1040	24.4.2017	8	7.2	0.8	700	220	Satisfactory	
8	Samal	1041	24.4.2017	8	7.3	0.5	330	170	Satisfactory	
9	Talcher FU/S	2415	10.4.2017	8	7.2	0.3	2200	2200	Satisfactory	
10	Talcher U/s	1303	10.4.2017	7.7	6.5	0.3	16000	9200	Satisfactory	TC, FC
11	Talcher D/S	1042	10.4.2017	7.4	5.8	2.5	1300	940	Satisfactory	
12	Talcher FD/S	2416	10.4.2017	7.35	8.2	2.5	1200	630	Satisfactory	
13	Brahmani-Mandapal		10.4.2017	7.9	6.2	0.5	11000	7900	Unsatisfactory	TC, FC
14	Nandira U/s	3919	10.4.2017	8.05	8.2	1.6	310	110	Satisfactory	
15	Nandira D/s	3920	10.4.2017	7.4	6.4	2.7	1700	1100	Satisfactory	
16	Kisindajhor	3921	10.4.2017	8.41	8.8	0.8	110	45	Satisfactory	
17	Dhenkanal U/s	3918	10.4.2017	8	7.2	0.35	5400	5400	Unsatisfactory	TC, FC
18	Dhenkanal D/s	2417	10.4.2017	7.9	6.8	1.2	1100	700	Satisfactory	
19	Bhuban	1043	26.4.2017	84	7	0.7	16000	16000	Unsatisfactory	TC, FC
20	Kabatabandha	2418	26.4.2017	7.7	8.6	1	2400	2400	Satisfactory	
21	Dharmasala U/s	1044	18.4.2017	7.9	8.4	0.5	5400	2200	Unsatisfactory	TC
22	Dharmasala D/s	10019	18.4.2017	7.5	7.9	1.2	24000	13000	Unsatisfactory	TC, FC
23	Pottamundai	1045	06.4.2017	7.9	8.4	0.75	1700	700	Satisfactory	
24	Khanditara	2419	19.4.2017	7.6	7.7	0.4	790	220	Satisfactory	
25	Binjharpur	3922	18.4.2017	8.03	9.7	0.3	490	170	Satisfactory	
26	Ali	2420	06.4.2017	7.7	6.5	0.6	16000	3500	Unsatisfactory	TC, FC
27	Sankh U/s	2412	25.4.2017	7.7	5.9	0.4	2400	790	Satisfactory	

28	Koel U/s	2413	25.4.2017	8.2	7.9	1.2	16000	9200	Unsatisfactory	TC, FC
29	Guradi nallah	3923	25.4.2017	6.5	5.1	10.8	>160000	>160000	Unsatisfactory	BOD, TC, FC
30	Badajhor	3924	10.4.2017	7.94	5.4	1.4	92000	54000	Unsatisfactory	TC, FC
31	Damsala at Dayanabil	3933	26.4.2017	8.23	7.7	0.6	490	130	Satisfactory	
32	Gondanallah at marthapur	3934	27.4.2017	8.3	5.8	1.4	3500	1700	Satisfactory	
33	Lingira U/s	3925	27.4.2017	8.5	7.9	1.4	2200	1300	Satisfactory	
34	Lingira D/s	3926	27.4.2017	8.5	7.5	1.9	2200	1700	Satisfactory	
35	Ramiala near Kamakhyanagar	3932	26.4.2017	8	6.7	0.6	40	40	Satisfactory	
36	Bangurunallah	3930	26.4.2017	8.5	6.2	1.6	230	78	Satisfactory	
37	Singadajhor	3931	26.4.2017	7.5	8.1	0.2	220	110	Satisfactory	
38	Tikira U/s	3927	26.4.2017	7.9	7.7	0.8	1300	790	Satisfactory	
39	Tikira D/s	3928	26.4.2017	8.1	7.1	1	330	330	Satisfactory	
40	Bangurusingada jhor	3931	26.4.2017	7.9	6.8	1.1	9200	9200	Unsatisfactory	TC, FC

River system : Budhabalanga

April, 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	20.4.2017	7.3	8.4	0.8	5400	2400	Unsatisfactory	TC
2	Balasure U/s	3943	20.4.2017	7.6	7.6	1.2	2400	1300	Satisfactory	
3	Balasure D/s	2424	20.4.2017	8	5.8	2.4	54000	35000	Unsatisfactory	TC, FC
4	Hatiagond (Sona)	3942	21.4.2017	7.6	8.0	0.5	940	78	Satisfactory	

River system : Vansadhara

April, 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	18.4.2017	8.4	7.2	1.0	78	20	Satisfactory	
2	Gunupur	2426	18.4.2017	8.5	7.0	1.2	170	45	Satisfactory	

River system :
Subarnarekha

April, 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	20.4.2017	8.3	7.4	0.6	1400	700	Satisfactory	

River system : Nagavali

April, 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	19.4.2017	8.3	7	1.2	1700	790	Satisfactory	
2	Jaykaypur D/s	1642	19.4.2017	8.4	6.7	3.4	9200	5400	Unsatisfactory	TC, FC
3	Rayagada D/s	1643	19.4.2017	8.5	7.1	0.7	3500	1300	Satisfactory	

River system : Kolab

April, 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	17.4.2017	8.0	6.9	0.7	3500	1300	Satisfactory	