

# Water Quality Bulletin of State Pollution Control Board, Odisha

River system : Mahanadi

September, 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	07.09.2017	7.29	7.6	1	490	170	Satisfactory	
2	Jharsuguda	1268	14.09.2017	7.57	7.4	1.1	790	130	Satisfactory	
3	Brajrajnagar-U/S	1300	14.09.2017	7.74	7.2	0.9	1100	490	Satisfactory	
4	Brajrajnagar-D/S	1269	14.09.2017	7.63	6.8	1	3500	1100	Satisfactory	
5	Bheden	2403	14.09.2017	7.85	7.1	1.9	940	170	Satisfactory	
6	Hirakud	1281	04.09.2017	8.12	7.6	1.4	1700	490	Satisfactory	
7	Sambalpur U/S	1270	04.09.2017	7.82	7.2	1.3	5400	2400	Unsatisfactory	TC
8	Sambalpur D/S	1271	04.09.2017	7.73	6.1	1.5	14000	4900	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath	3887	04.09.2017	7.66	6.8	1.5	790	220	Satisfactory	
10	Sambalpur FD/S at Huma	2405	05.09.2017	7.65	7.1	1.7	790	230	Satisfactory	
11	Power Channel U/S	3888	04.09.2017	8.15	6.8	1	20	<1.8	Satisfactory	
12	Power Channel D/S	2404	04.09.2017	7.95	6.4	1.2	470	390	Satisfactory	
13	Sonepur U/S	1272	05.09.2017	7.3	7.1	1.2	130	<1.8	Satisfactory	
14	Sonepur D/S	1274	05.09.2017	7.4	7.9	1.5	490	170	Satisfactory	
15	Tikarpada	1275	07.09.2017	8.02	7.8	0.8	170	45	Satisfactory	
16	Narasinghpur	1276	05.09.2017	7.3	6.4	1	2200	1300	Satisfactory	
17	Munduli	2406	05.09.2017	7.32	6.4	0.9	2400	490	Satisfactory	
18	Cuttack U/s	1277	05.09.2017	7.4	6.2	1	1300	490	Satisfactory	
19	Cuttack D/s	1278	05.09.2017	7.33	6.0	1.1	>16000	9200	Unsatisfactory	TC, FC
20	Cuttack FD/s	3890	05.09.2017	7.4	6.0	1.1	16000	9200	Unsatisfactory	TC, FC
21	Paradeep U/S	2407	05.09.2017	7.4	6.8	1.6	1400	230	Satisfactory	

22	Paradeep D/S	1639	05.09.2017	7.33	6.9	1.5	1400	490	Satisfactory	
23	Ong river, Dharuakhaman	3889	05.09.2017	7.5	7.3	1.8	78	<1.8	Satisfactory	
24	Tel	2408	05.09.2017	7.41	7.2	1.4	170	68	Satisfactory	
25	Kathajodi U/s	3891	06.09.2017	7.4	7.1	1	1700	490	Satisfactory	
26	Kathajodi D/s	1301	06.09.2017	7.41	6.8	2	16000	16000	Unsatisfactory	TC, FC
27	Kathajodi FD/s (Mattagajpur)	3892	06.09.2017	7.25	6.4	8.1	13000	4900	Unsatisfactory	BOD, TC, FC
28	Kathajodi FFD/s at Kamasasan	3893	06.09.2017	7.4	7.1	1.4	>16000	>16000	Unsatisfactory	TC, FC
29	Sankhatrasa	2409	06.09.2017	7.5	6.8	1.1	13000	7900	Unsatisfactory	TC, FC
30	Kuakhai FU/s	2410	04.09.2017	7.9	6.8	0.4	3100	2200	Satisfactory	
31	Kuakhai U/s	1279	04.09.2017	7.74	5.0	2.9	6400	4900	Unsatisfactory	TC, FC
32	Daya at Gelapur	3894	04.09.2017	7.77	6.3	1.1	17000	7900	Unsatisfactory	TC, FC
33	Kuakhai D/s	1280	04.09.2017	7.6	3.9	3.9	>160000	92000	Unsatisfactory	DO, BOD, TC, FC
34	Kuakhai FD/s	2411	04.09.2017	7.5	3.6	3.2	>160000	92000	Unsatisfactory	DO, BOD, TC, FC
35	Daya at Kanas	3895	05.09.2017	7.83	4.9	2	46000	4900	Unsatisfactory	TC, FC
36	Birupa	1640	06.09.2017	7.35	6.8	1.3	460	170	Satisfactory	
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)
37	Gangua at Rajdhani College	3996	04.09.2017	7.76	2.9	4.6	>160000	>160000	Unsatisfactory	DO,BOD,TC,FC
38	Gangua at Palasuni	3897	04.09.2017	7.81	2.3	5.6	>160000	>160000	Unsatisfactory	DO,BOD,TC,FC
39	Gangua at Samantarapur	3898	04.09.2017	7.64	3.2	5.9	>160000	>160000	Unsatisfactory	DO,BOD,TC,FC
40	Gangua at vadimula	3899	04.09.2017	7.85	4.1	4.2	>160000	>160000	Unsatisfactory	BOD,TC,FC
41	Kushabhadra at Bhingarpur	3903	05.09.2017	8.3	5	1.3	16000	9200	Unsatisfactory	TC, FC
42	Kushabhadra at Nimapara	3904	05.09.2017	8.1	6.6	1.4	16000	16000	Unsatisfactory	TC, FC

43	Kushabhadra at Gop	3905	05.09.2017	7.92	5.6	0.8	3500	1700	Satisfactory	
44	Kendrapada U/s	3900	06.09.2017	7.6	7.1	2.0	2200	490	Satisfactory	
45	Kendrapada D/s	3901	06.09.2017	7.5	6.9	2.8	7900	3300	Unsatisfactory	TC, FC
46	Mangala at Malatipatpur	3906	06.09.2017	7.7	4.8	1.9	3500	1700	Satisfactory	
47	Mangala D/s	3907	06.09.2017	8.15	4.9	2.1	490	170	Satisfactory	
48	Bhargavi at Chandanpur	3908	06.09.2017	8.13	4.2	1.2	790	330	Satisfactory	
49	Devi at Machhagaon	3902	05.09.2017	7.47	6.8	1.5	1300	170	Satisfactory	
50	Luna at Bijipur	3912	05.09.2017	8	4.5	1.3	13000	7900	Unsatisfactory	TC, FC
51	River Sabulia	3914	04.09.2017	8.37	5.9	2.1	2200	1300	Satisfactory	
52	Kusumi	3913	04.09.2017	8	7.7	1.6	790	230	Satisfactory	
53	River Kansari	3909	04.09.2017	8.1	6.4	2	790	230	Satisfactory	
54	River Badasankha	3910	04.09.2017	8	6.1	2	940	330	Satisfactory	
55	Ratnachira	3911	07.09.2017	7.85	4.7	1.2	790	220	Satisfactory	

**River system : Rushikulya**

**September, 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	Russelkunda Reservoir	3944	05.09.2017	7.8	7.6	1.6	16000	9200	Unsatisfactory	TC, FC
2	Badanadi, Aska	3946	05.09.2017	7.77	7.8	1.1	330	78	Satisfactory	
3	Rushikulya , Aska	3945	05.09.2017	6.7	7.6	1.9	490	110	Satisfactory	
4	Rushikulya at Nalabanta	3947	05.09.2017	7.83	6.8	1.9	170	45	Satisfactory	
5	Madhopur	1455	05.09.2017	7.8	6.5	1.4	>16000	>16000	Unsatisfactory	TC, FC
6	Potagarh	1456	05.09.2017	7.91	6.9	1.4	45	<1.8	Satisfactory	

## River system : Baitarani

September, 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	Kundra nallah at Joda	3939	06.09.2017	7.5	7.5	0.9	16000	9200	Unsatisfactory	TC, FC
2	Kusei at Deogaon	2421	07.09.2017	8.09	7.9	0.8	2800	1700	Satisfactory	
3	Baitarani at Naigarh	3935	06.09.2017	7.42	7.4	1	2200	1400	Satisfactory	
4	Baitarani at Unchabali	3936	06.09.2017	7.63	7.6	1	220	110	Satisfactory	
5	Baitarani at Champua	3937	07.09.2017	7.51	7.9	0.7	2200	790	Satisfactory	
6	Baitarani at Tribindha	3938	07.09.2017	7.56	8.1	0.7	16000	9200	Unsatisfactory	TC, FC
7	Baitarani at Joda	1081	07.09.2017	7.54	6.7	0.6	1700	790	Satisfactory	
8	Anandpur	1082	07.09.2017	7.53	6.1	0.6	16000	9200	Unsatisfactory	TC, FC
9	Jajpur	1083	06.09.2017	8.21	6.8	0.7	1300	490	Satisfactory	
10	Chandbali U/s	1084	06.09.2017	7.7	6.2	1.2	9200	2200	Unsatisfactory	TC
11	Chandbali D/s	10018	06.09.2017	7.55	6.4	1.4	9200	1700	Unsatisfactory	TC
12	Dhamra	1085	06.09.2017	7.2	6.2	1.2	>16000	16000	Unsatisfactory	TC, FC
13	Bhadrak U/s	3940	06.09.2017	7.4	6	0.9	1700	790	Satisfactory	
14	Bhadrak D/s	3941	06.09.2017	7.49	5.6	1.1	5400	1300	Unsatisfactory	TC

## River system : Brahmani

September, 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	06.09.2017	7.47	6.4	0.7	1400	330	Satisfactory	
2	Panposh D/S	1038	06.09.2017	7.01	6.2	2.6	35000	17000	Unsatisfactory	TC, FC
3	Jalda (Rourkela D/S)	1302	06.09.2017	7.38	6.8	2	24000	13000	Unsatisfactory	TC, FC
4	Attaghat	3916	06.09.2017	7.48	7.1	1	4900	3300	Unsatisfactory	FC
5	Biritola	2414	06.09.2017	7.48	7.2	1.9	5400	2400	Unsatisfactory	TC
6	Bonaigarh	1039	06.09.2017	7.24	7.8	1	1100	230	Satisfactory	
7	Rengali	1040	07.09.2017	7.85	7.2	1	330	110	Satisfactory	
8	Samal	1041	07.09.2017	7.77	7.6	1.5	1400	790	Satisfactory	
9	Talcher FU/S	2415	07.09.2017	7.7	8	0.9	490	130	Satisfactory	
10	Talcher U/s	1303	07.09.2017	7.9	7.6	1.2	470	140	Satisfactory	
11	Talcher D/S	1042	06.09.2017	7.47	7.6	1.1	790	220	Satisfactory	
12	Talcher FD/S	2416	06.09.2017	7.58	7.8	1	330	130	Satisfactory	
13	Nandira U/s	3919	07.09.2017	8.04	8.2	1.4	790	220	Satisfactory	
14	Nandira D/s	3920	07.09.2017	7.98	7.4	1	1300	490	Satisfactory	
15	Mandapal	3917	07.09.2017	7.76	7.8	0.9	1300	790	Satisfactory	
16	Kisindajhor	3921	06.09.2017	7.52	7	1.4	1400	490	Satisfactory	
17	Dhenkanal U/s	3918	06.09.2017	7.75	8	1	1100	490	Satisfactory	
18	Dhenkanal D/s	2417	06.09.2017	7.54	7.6	1.1	1300	490	Satisfactory	
19	Bhuban	1043	06.09.2017	7.53	7.6	1.2	490	130	Satisfactory	
20	Kabatabandha	2418	05.09.2017	8	7.8	1	1700	330	Satisfactory	
21	Dharmasala U/s	1044	06.09.2017	7.8	7.4	0.7	1300	790	Satisfactory	
22	Dharmasala D/s	10019	06.09.2017	7.9	7.6	0.7	1100	790	Satisfactory	
23	Pottamundai	1045	06.09.2017	7.47	7.8	0.8	16000	3500	Unsatisfactory	TC, FC
24	Khanditara	2419	06.09.2017	7.92	7.4	0.6	1300	490	Satisfactory	
25	Binjharpur	3922	06.09.2017	8.1	7.6	0.6	790	220	Satisfactory	
26	Ali	2420	06.09.2017	7.52	7.9	1.6	9200	5400	Unsatisfactory	TC, FC

27	Sankh U/s	2412	06.09.2017	7.2	6.8	0.8	7000	3300	Unsatisfactory	TC, FC
28	Koel U/s	2413	07.09.2017	7.3	7.2	1	>16000	>16000	Unsatisfactory	TC, FC
29	Guradi nallah	3923	06.09.2017	6.3	5.8	2.7	>160000	160000	Unsatisfactory	TC, FC
30	Badajhor	3924	06.09.2017	7.5	6.1	1.4	4900	2200	Satisfactory	
31	Damsala at Dayanabil	3933	05.09.2017	8.15	7.6	1.4	490	110	Satisfactory	
32	Gondanallah at marthapur	3934	05.09.2017	7.91	7.1	1.9	2400	790	Satisfactory	
33	Karo at Barbil	3915	06.09.2017	7.54	7.1	1	3500	1700	Satisfactory	
34	Lingira U/s	3925	07.09.2017	8.28	7.8	1	170	45	Satisfactory	
35	Lingira D/s	3926	07.09.2017	7.88	6.6	1.1	220	78	Satisfactory	
36	Ramiala near Kamakhyanagar	3932	06.09.2017	7.62	6.6	1.3	1100	490	Satisfactory	
37	Bangurunallah	3930	07.09.2017	7.81	6.8	1.5	3500	1700	Satisfactory	
38	Singadajhor	3931	07.09.2017	7.7	6.4	1.9	1400	700	Satisfactory	
39	Tikira U/s	3927	07.09.2017	7.6	8	1.4	2800	1400	Satisfactory	
40	Tikira D/s	3928	07.09.2017	7.65	7.6	2	3500	1700	Satisfactory	
41	Bangurusingada jhor	3931	06.09.2017	8.07	7.6	0.9	2400	490	Satisfactory	

## River system : Budhabalanga

September, 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	05.09.2017	7.68	6.4	0.9	2200	1300	Satisfactory	
2	Balasore U/s	3943	05.09.2017	7.62	6.8	1.1	1400	330	Satisfactory	
3	Balasore D/s	2424	05.09.2017	7.8	5.6	1.0	24000	13000	Unsatisfactory	TC, FC
4	Hatiagond (Sona)	3942	05.09.2017	7.6	6.4	0.9	1100	490	Satisfactory	

## River system : Vansadhara

September, 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	05.09.2017	8	7.1	1.4	330	110	Satisfactory	
2	Gunupur	2426	05.09.2017	7.53	6.5	0.8	2200	1300	Satisfactory	

## River system : Subarnarekha

September, 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	05.09.2017	7.7	6.8	1.1	3500	1700	Satisfactory	

## River system : Nagavali

September, 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	05.09.2017	7.6	6.3	0.7	5400	2400	Unsatisfactory	TC, FC
2	Jaykaypur D/s	1642	05.09.2017	7.52	6.1	1.3	22000	11000	Unsatisfactory	TC, FC
3	Rayagada D/s	1643	05.09.2017	7.1	6.2	1.8	5400	3500	Unsatisfactory	TC, FC

## River system : Kolab

September, 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	04.09.2017	7.74	7	1.2	1300	490	Satisfactory	

## River system : Indravati

September, 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	Indravati at Nawarangpur	3948	04.09.2017	7	6.3	0.8	130	20	Satisfactory	

## River system : Bahuda

September, 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	Bahuda at Damodarpally	3949	06.09.2017	8.4	7.1	1.5	16000	16000	Unsatisfactory	TC, FC