

Water Quality Bulletin of State Pollution Control Board, Odisha

Criteria for Satisfactory WQI

DO >4.0 mg/l

BOD < 3 mg/l

TC < 5000 MPN/100 ml

FC < 2500 MPN/ 100 ml

River system : Mahanadi

October, 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	Sundargarh	1267	06.10.2017	7.71	8.5	0.3	330	78	Satisfactory	
2	Jharsuguda	1268	12.10.2017	8.21	7.2	0.4	5400	1300	Unsatisfactory	TC
3	Brajrajnagar-U/S	1300	12.10.2017	8.28	6.8	0.9	5400	1300	Unsatisfactory	TC
4	Brajrajnagar-D/S	1269	12.10.2017	7.96	6.8	1.3	16000	9200	Unsatisfactory	TC, FC
5	Bheden	2403	12.10.2017	7.75	7.4	3.6	240	45	Satisfactory	
6	Hirakud	1281	03.10.2017	7.9	7.25	0.6	330	78	Satisfactory	
7	Sambalpur U/S	1270	03.10.2017	7.62	7.46	0.8	16000	16000	Unsatisfactory	TC, FC
8	Sambalpur D/S	1271	03.10.2017	7.25	7.8	1.5	35000	24000	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath	3887	03.10.2017	7.3	7.7	0.9	5400	1300	Unsatisfactory	TC
10	Sambalpur FD/S at Huma	2405	04.10.2017	8.1	6.78	0.9	130	45	Satisfactory	
11	Power Channel U/S	3888	03.10.2017	7.88	7.6	0.9	78	20	Satisfactory	
12	Power Channel D/S	2404	03.10.2017	7.8	8.5	1.1	78	20	Satisfactory	
13	Sonepur U/S	1272	04.10.2017	8.43	7.4	0.8	460	460	Satisfactory	
14	Sonepur D/S	1274	04.10.2017	8.1	6.8	0.9	7900	4900	Unsatisfactory	TC, FC
15	Tikarpada	1275	10.10.2017	8.01	7.6	1.2	1300	230	Satisfactory	
16	Narasinghpur	1276	03.10.2017	8	7.5	0.5	490	130	Satisfactory	
17	Munduli	2406	03.10.2017	8.36	7.3	0.8	790	170	Satisfactory	
18	Cuttack U/s	1277	03.10.2017	8.13	6.9	0.7	2200	790	Satisfactory	
19	Cuttack D/s	1278	03.10.2017	8.37	6.6	0.7	4900	1300	Satisfactory	
20	Cuttack FD/s	3890	03.10.2017	7.75	6.4	1	1700	790	Satisfactory	
21	Paradeep U/S	2407	03.10.2017	7.76	6.6	1.2	1300	490	Satisfactory	

22	Paradeep D/S	1639	03.10.2017	7.88	7	1.4	<1.8	<1.8	Satisfactory	
23	Ong river, Dharuakhaman	3889	04.10.2017	8.4	6.5	0.8	68	<1.8	Satisfactory	
24	Tel	2408	04.10.2017	8.21	5.26	0.5	<1.8	<1.8	Satisfactory	
25	Kathajodi U/s	3891	04.10.2017	8.05	6.9	0.7	1300	490	Satisfactory	
26	Kathajodi D/s	1301	04.10.2017	7.9	6.8	2.9	7900	1700	Unsatisfactory	TC
27	Kathajodi FD/s (Mattagajpur)	3892	04.10.2017	7.5	5.7	11.2	14000	7000	Unsatisfactory	BOD, TC, FC
28	Kathajodi FFD/s at Kamasasan	3893	04.10.2017	7.62	6.6	1.9	13000	4900	Unsatisfactory	TC, FC
29	Sankhatrasa	2409	04.10.2017	8.2	6.8	1.2	11000	4900	Unsatisfactory	TC, FC
30	Kuakhai FU/s	2410	09.10.2017	8.4	6.8	0.8	2100	790	Satisfactory	
31	Kuakhai U/s	1279	09.10.2017	8.4	8.6	0.9	2400	4900	Satisfactory	
32	Daya at Gelapur	3894	09.10.2017	8.2	7.9	1.5	13000	4900	Unsatisfactory	TC, FC
33	Kuakhai D/s	1280	09.10.2017	8	3.2	5.2	92000	54000	Unsatisfactory	DO, BOD, TC, FC
34	Kuakhai FD/s	2411	09.10.2017	8	4.1	4	54000	54000	Unsatisfactory	BOD, TC, FC
35	Daya at Kanas	3895	11.10.2017	7.9	5.4	2.2	13000	3300	Unsatisfactory	TC, FC
36	Birupa	1640	04.10.2017	8.1	6.8	0.7	9200	5400	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)
37	Gangua at Rajdhani College	3996	09.10.2017	8	1.1	9.1	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
38	Gangua at Palasuni	3897	09.10.2017	7.9	1	8.2	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
39	Gangua at Samantarapur	3898	09.10.2017	8.2	0	12	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
40	Gangua at vadimula	3899	09.10.2017	8	1.2	7.5	>160000	92000	Unsatisfactory	DO, BOD, TC, FC
41	Kushabhadra at Bhingarpur	3903	11.10.2017	8.3	8	1.2	17000	1300	Unsatisfactory	TC
42	Kushabhadra at Nimapara	3904	11.10.2017	7.8	4.9	0.8	16000	>16000	Unsatisfactory	TC, FC

43	Kushabhadra at Gop	3905	11.10.2017	8.3	4.8	0.8	16000	1300	Unsatisfactory	TC
44	Kendrapada U/s	3900	04.10.2017	8.24	4.2	0.6	5400	1300	Unsatisfactory	TC
45	Kendrapada D/s	3901	04.10.2017	7.97	4.8	1.2	9200	5400	Unsatisfactory	TC, FC
46	Mangala at Malatipatpur	3906	12.10.2017	8.4	5.1	1.2	1300	330	Satisfactory	
47	Mangala D/s	3907	12.10.2017	7.9	5.2	3.4	92000	54000	Unsatisfactory	BOD, TC, FC
48	Bhargavi at Chandanpur	3908	12.10.2017	8	4.8	1.3	5400	1300	Unsatisfactory	TC
49	Devi at Machhagaon	3902	03.10.2017	7.9	6.2	1.4	23	<1.8	Satisfactory	
50	Luna at Bijipur	3912	11.10.2017	7.9	5.1	0.9	16000	1700	Unsatisfactory	TC
51	River Sabulia	3914	09.10.2017	7.6	6.5	2.6	35000	17000	Unsatisfactory	TC, FC
52	Kusumi	3913	09.10.2017	8.1	6.9	0.6	16000	1400	Unsatisfactory	TC
53	River Kansari	3909	09.10.2017	8.4	5.2	1.9	17000	1700	Unsatisfactory	TC
54	River Badasankha	3910	09.10.2017	8.4	6.3	2.7	17000	1300	Unsatisfactory	TC
55	Ratnachira	3911	12.10.2017	7.9	4.2	1.7	16000	9200	Unsatisfactory	TC, FC

River system : Rushikulya

October, 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	04.10.2017	7.67	6.7	1.2	>16000	3500	Unsatisfactory	TC, FC
2	Badanadi, Aska	3946	04.10.2017	7.8	7.2	0.9	9200	2400	Unsatisfactory	TC
3	Rushikulya , Aska	3945	04.10.2017	7.6	7.4	1	9200	5400	Unsatisfactory	TC, FC
4	Rushikulya at Nalabanta	3947	04.10.2017	7.8	6.8	1.6	9200	2400	Unsatisfactory	TC
5	Madhopur	1455	06.10.2017	7.69	6.8	1.1	>16000	>16000	Unsatisfactory	TC, FC
6	Potagarh	1456	06.10.2017	7.68	7.1	1	16000	9200	Unsatisfactory	TC, FC

River system : Baitarani

October, 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	09.10.2017	7.95	5.9	1	1400	170	Satisfactory	
2	Kusei at Deogaon	2421	10.10.2017	8.4	6.2	1.1	790	130	Satisfactory	
3	Baitarani at Naigarh	3935	09.10.2017	8.01	6.9	0.5	11000	4900	Unsatisfactory	TC, FC
4	Baitarani at Unchabali	3936	09.10.2017	8.01	6.7	0.4	170	<1.8	Satisfactory	
5	Baitarani at Champua	3937	10.10.2017	7.98	6.4	0.9	790	140	Satisfactory	
6	Baitarani at Tribindha	3938	10.10.2017	8.05	6.8	1.1	1700	490	Satisfactory	
7	Baitarani at Joda	1081	10.10.2017	7.91	6.8	0.7	2400	230	Satisfactory	
8	Anandpur	1082	10.10.2017	8.08	6	1.2	270	45	Satisfactory	
9	Jajpur	1083	04.10.2017	8.01	7.7	0.9	1700	170	Satisfactory	
10	Chandbali U/s	1084	09.10.2017	8.13	7.2	0.9	5400	1700	Unsatisfactory	TC
11	Chandbali D/s	10018	09.10.2017	8.1	6.8	0.8	5400	2200	Unsatisfactory	TC
12	Dhamra	1085	09.10.2017	8.14	6	2.8	>16000	>16000	Unsatisfactory	TC, FC
13	Bhadrak U/s	3940	09.10.2017	8	6	1	9200	3500	Unsatisfactory	TC, FC
14	Bhadrak D/s	3941	09.10.2017	8	6.4	0.8	1700	330	Satisfactory	

River system : Brahmani

October, 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	06.10.2017	7.87	8.5	1	16000	5400	Unsatisfactory	TC, FC
2	Panposh D/S	1038	06.10.2017	7.68	4.5	3.9	16000	1100	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	06.10.2017	7.62	7.1	2.3	4900	1700	Satisfactory	
4	Attaghat	3916	06.10.2017	7.67	6.7	2	>16000	5400	Unsatisfactory	TC, FC
5	Biritola	2414	06.10.2017	7.88	7.3	1.8	11000	3300	Unsatisfactory	TC, FC
6	Bonaigarh	1039	06.10.2017	8.05	8.3	0.4	22000	13000	Unsatisfactory	TC, FC
7	Rengali	1040	09.10.2017	7.67	6.8	1.9	4300	2800	Unsatisfactory	FC
8	Samal	1041	09.10.2017	7.85	7.2	1.1	490	110	Satisfactory	
9	Talcher FU/S	2415	09.10.2017	7.25	8.2	0.5	330	45	Satisfactory	
10	Talcher U/s	1303	09.10.2017	8.25	7.8	0.8	9200	470	Unsatisfactory	TC
11	Talcher D/S	1042	09.10.2017	8.3	7.8	1.4	17000	3300	Unsatisfactory	TC, FC
12	Talcher FD/S	2416	09.10.2017	8.4	7.8	0.7	3500	1300	Satisfactory	
13	Nandira U/s	3919	09.10.2017	8.4	7	1	5400	490	Unsatisfactory	TC
14	Nandira D/s	3920	09.10.2017	8.4	6.6	1.9	9200	5400	Unsatisfactory	TC, FC
15	Mandapal	3917	09.10.2017	7.2	7	1.4	16000	270	Unsatisfactory	TC
16	Kisindajhor	3921	09.10.2017	8.5	7	1.8	3500	790	Satisfactory	
17	Dhenkanal U/s	3918	09.10.2017	8.3	7.8	1	3300	780	Satisfactory	
18	Dhenkanal D/s	2417	09.10.2017	8.24	7.4	1.5	>16000	330	Unsatisfactory	TC
19	Bhuban	1043	09.10.2017	8.15	7.6	1.6	790	170	Satisfactory	
20	Kabatabandha	2418	03.10.2017	7.81	8.4	0.6	490	170	Satisfactory	
21	Dharmasala U/s	1044	04.10.2017	7.3	7.7	0.8	2200	1400	Satisfactory	
22	Dharmasala D/s	10019	04.10.2017	7.81	7.4	1	3500	1700	Satisfactory	
23	Pottamundai	1045	04.10.2017	7.76	6.8	1	9200	2800	Unsatisfactory	TC, FC
24	Khanditara	2419	04.10.2017	8.12	7.1	0.7	210	45	Satisfactory	
25	Binjharpur	3922	04.10.2017	7.73	8.5	1	940	170	Satisfactory	
26	Ali	2420	04.10.2017	7.6	6.4	2	>16000	5400	Unsatisfactory	TC, FC
27	Sankh U/s	2412	06.10.2017	7.84	8.3	0.8	11000	3300	Unsatisfactory	TC, FC

28	Koel U/s	2413	06.10.2017	7.62	8.2	1	9200	5400	Unsatisfactory	TC, FC
29	Guradi nallah	3923	06.10.2017	7.7	6.6	4.5	92000	92000	Unsatisfactory	BOD, TC, FC
30	Badajhor	3924	09.10.2017	8.33	6	1.4	7000	780	Unsatisfactory	TC
31	Damsala at Dayanabil	3933	03.10.2017	7.85	7.6	0.8	170	20	Satisfactory	
32	Gondanallah at marthapur	3934	03.10.2017	8.07	7.8	1.9	3500	790	Satisfactory	
33	Karo at Barbil	3915	09.10.2017	7.9	5.8	0.8	1300	220	Satisfactory	
34	Lingira U/s	3925	10.10.2017	8.4	8.2	1.2	2400	1300	Satisfactory	
35	Lingira D/s	3926	10.10.2017	8.46	7.8	1.4	5400	170	Unsatisfactory	TC
36	Ramiala near Kamakhyanagar	3932	09.10.2017	8.25	7	0.9	2400	790	Satisfactory	
37	Bangurunallah	3930	09.10.2017	7.81	6.4	1.2	3500	1100	Satisfactory	
38	Singadajhor	3931	09.10.2017	8.1	6	1.4	16000	9200	Unsatisfactory	TC, FC
39	Tikira U/s	3927	09.10.2017	7.66	7.2	1.5	16000	540	Unsatisfactory	TC
40	Tikira D/s	3928	09.10.2017	7.74	7	2.3	>16000	9200	Unsatisfactory	TC, FC
41	Bangurusingada jhor	3931	09.10.2017	8.44	7.8	2	5400	330	Unsatisfactory	TC

River system : Budhabalanga

October, 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	10.10.2017	8.25	7.2	1.4	3300	1300	Satisfactory	
2	Balasore U/s	3943	10.10.2017	8.22	7.6	0.8	790	220	Satisfactory	
3	Balasore D/s	2424	10.10.2017	8.1	6	1.8	7900	3300	Unsatisfactory	TC, FC
4	Hatiagond (Sona)	3942	10.10.2017	8.2	6.4	0.9	16000	3500	Unsatisfactory	TC, FC

River system : Vansadhara

October, 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	04.10.2017	8.2	6.5	0.7	1300	110	Satisfactory	
2	Gunupur	2426	04.10.2017	7.89	6	1.3	7900	4900	Unsatisfactory	TC, FC

River system : Subarnarekha

October, 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	10.10.2017	8.15	7.2	2.1	54000	14000	Unsatisfactory	TC, FC

River system : Nagavali

October, 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	06.10.2017	8.12	6.7	1	1100	68	Satisfactory	
2	Jaykaypur D/s	1642	06.10.2017	8.1	5.9	2.1	4900	1300	Satisfactory	
3	Rayagada D/s	1643	06.10.2017	7.75	6.4	1.6	9200	2200	Unsatisfactory	TC

River system : Kolab

October, 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	04.10.2017	7.85	7.2	1.5	1100	220	Satisfactory	

River system : Indravati

October, 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	04.10.2017	7.8	6.1	1	790	170	Satisfactory	

River system : Bahuda

October, 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	06.10.2017	7.92	7.6	1.8	9200	3500	Unsatisfactory	TC, FC