

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

December, 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	07.12.2017	7.75	7.8	1.8	2200	940	Satisfactory	
2	Jharsuguda	1268	12.12.2017	8.08	7.4	0.8	310	110	Satisfactory	
3	Brajrajnagar-U/S	1300	12.12.2017	7.97	7.2	2.1	1700	700	Satisfactory	
4	Brajrajnagar-D/S	1269	12.12.2017	7.99	7.4	2.6	1700	700	Satisfactory	
5	Bheden	2403	12.12.2017	7.92	7.2	1.8	78	<1.8	Satisfactory	
6	Hirakud	1281	04.12.2017	7.89	8.7	1.0	700	78	Satisfactory	
7	Sambalpur U/S	1270	04.12.2017	7.7	8.3	1.0	790	330	Satisfactory	
8	Sambalpur D/S	1271	04.12.2017	7.61	5.4	2.5	>16000	9200	Unsatisfactory	TC, FC
9	Sambalpur FD/S at Shankarmath	3887	04.12.2017	7.61	7.0	1.8	9200	5400	Unsatisfactory	TC, FC
10	Sambalpur FD/S at Huma	2405	05.12.2017	8.4	7.9	0.6	1700	790	Satisfactory	
11	Power Channel U/S	3888	04.12.2017	7.84	7.4	0.3	170	68	Satisfactory	
12	Power Channel D/S	2404	04.12.2017	7.82	7.1	0.4	490	130	Satisfactory	
13	Sonepur U/S	1272	05.12.2017	8.18	8.1	0.5	210	78	Satisfactory	
14	Sonepur D/S	1274	05.12.2017	7.54	6.1	0.8	3500	1700	Satisfactory	
15	Tikarpada	1275	06.12.2017	8.33	7.9	1.0	230	78	Satisfactory	
16	Narasinghpur	1276	04.12.2017	7.9	7.7	1.0	1300	330	Satisfactory	
17	Munduli	2406	04.12.2017	7.8	8.4	0.5	1700	790	Satisfactory	
18	Cuttack U/s	1277	04.12.2017	7.88	8.4	0.7	2100	930	Satisfactory	
19	Cuttack D/s	1278	04.12.2017	7.83	7.9	1.8	35000	13000	Unsatisfactory	TC, FC
20	Cuttack FD/s	3890	04.12.2017	7.8	7.3	1.4	>16000	16000	Unsatisfactory	TC, FC
21	Paradeep U/S	2407	05.12.2017	7.27	7.2	1.1	230	78	Satisfactory	
22	Paradeep D/S	1639	05.12.2017	7.73	7.6	1.8	130	130	Satisfactory	

23	Ong river, Dharuakhaman	3889	05.12.2017	8.03	8	0.5	330	78	Satisfactory	
24	Tel	2408	05.12.2017	7.83	8.1	0.3	20	<1.8	Satisfactory	
25	Kathajodi U/s	3891	05.12.2017	8.27	8.4	1.0	3300	680	Satisfactory	
26	Kathajodi D/s	1301	05.12.2017	7.82	7.1	3.4	>16000	>16000	Unsatisfactory	BOD, TC, FC
27	Kathajodi FD/s (Mattagajpur)	3892	05.12.2017	7.4	5.3	3.6	11000	4900	Unsatisfactory	BOD, TC, FC
28	Kathajodi FFD/s at Kamasasan	3893	05.12.2017	7.55	7.7	2.5	3300	1300	Satisfactory	
29	Sankhatrasa	2409	05.12.2017	7.64	7.3	2.9	>160000	>160000	Unsatisfactory	TC, FC
30	Kuakhai FU/s	2410	05.12.2017	8	9.7	0.6	1700	790	Satisfactory	
31	Kuakhai U/s	1279	05.12.2017	7.92	6.5	1.1	3500	1100	Satisfactory	
32	Daya at Gelapur	3894	05.12.2017	8.03	9.9	0.8	2400	790	Satisfactory	
33	Kuakhai D/s	1280	05.12.2017	7.1	4.8	4.8	92000	54000	Unsatisfactory	BOD, TC, FC
34	Kuakhai FD/s	2411	05.12.2017	7.7	5.2	4.0	43000	35000	Unsatisfactory	BOD, TC, FC
35	Daya at Kanas	3895	07.12.2017	7.97	3.5	2.1	92000	16000	Unsatisfactory	DO, BOD, TC, FC
36	Birupa	1640	05.12.2017	7.1	8.4	1.4	3500	2400	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	05.12.2017	7.1	3.8	11.8	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
38	Gangua at Palasuni	3897	05.12.2017	6.94	1.5	13.7	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
39	Gangua at Samantarapur	3898	05.12.2017	7.13	1.3	22.5	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
40	Gangua at vadimula	3899	05.12.2017	7.1	4.9	5.9	>160000	92000	Unsatisfactory	BOD, TC, FC
41	Kushabhadra at Bhingarpur	3903	07.12.2017	7.77	6	1.5	1300	490	Satisfactory	
42	Kushabhadra at Nimapara	3904	07.12.2017	8.37	7.4	0.5	940	330	Satisfactory	
43	Kushabhadra at Gop	3905	07.12.2017	8.14	6.4	0.4	1100	330	Satisfactory	
44	Kendrapada U/s	3900	06.12.2017	7.6	6.6	1.1	3500	2200	Satisfactory	

45	Kendrapada D/s	3901	06.12.2017	7.54	6.4	1.7	9200	3500	Unsatisfactory	TC, FC
46	Mangala at Malatipatpur	3906	11.12.2017	8.17	7.4	1.3	9200	5400	Unsatisfactory	TC, FC
47	Mangala D/s	3907	11.12.2017	8.08	6.7	1.6	9200	5400	Unsatisfactory	TC, FC
48	Bhargavi at Chandanpur	3908	11.12.2017	7.86	6.1	1.6	1300	790	Satisfactory	
49	Devi at Machhagaon	3902	05.12.2017	7.5	7.4	1.2	140	110	Satisfactory	
50	Luna at Bijipur	3912	07.12.2017	8.16	7.4	1.2	9200	5400	Unsatisfactory	TC, FC
51	River Sabulia	3914	08.12.2017	8.34	7	0.9	330	130	Satisfactory	
52	Kusumi	3913	08.12.2017	8.1	7.8	0.6	3500	2400	Satisfactory	
53	River Kansari	3909	08.12.2017	7.8	7.5	0.5	2200	1700	Satisfactory	
54	River Badasankha	3910	08.12.2017	8.4	5.2	0.9	490	170	Satisfactory	
55	Ratnachira	3911	12.12.2017	8.13	2.1	1.5	1300	490	Satisfactory	

River system : Rushikulya

December, 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	04.12.2017	7.77	7.6	1.2	3500	2400	Satisfactory	
2	Badanadi, Aska	3946	04.12.2017	8.2	7.2	0.8	9200	5400	Unsatisfactory	TC, FC
3	Rushikulya , Aska	3945	04.12.2017	8.11	7.4	0.6	3500	1100	Satisfactory	
4	Rushikulya at Nalabanta	3947	04.12.2017	8.43	8.1	0.5	16000	9200	Unsatisfactory	TC, FC
5	Madhopur	1455	05.12.2017	8.2	6.8	0.7	9200	5400	Unsatisfactory	TC, FC
6	Potagarh	1456	05.12.2017	8.23	6.4	1.2	3500	1700	Satisfactory	

River system : Baitarani

December, 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	06.12.2017	7.75	6.6	1.4	1700	790	Satisfactory	TC
2	Kusei at Deogaon	2421	07.12.2017	8.43	6.9	2.1	3500	1700	Satisfactory	
3	Baitarani at Naigarh	3935	06.12.2017	8.06	7.6	1.2	1300	490	Satisfactory	
4	Baitarani at Unchabali	3936	06.12.2017	7.97	8.4	0.9	490	170	Satisfactory	
5	Baitarani at Champua	3937	07.12.2017	7.91	8.8	1	1300	330	Satisfactory	
6	Baitarani at Tribindha	3938	07.12.2017	7.98	8	0.7	460	170	Satisfactory	
7	Baiatarani at Joda	1081	07.12.2017	8.01	6.8	0.6	1100	700	Satisfactory	
8	Anandpur	1082	07.12.2017	8.08	6.7	1.1	1400	940	Satisfactory	
9	Jajpur	1083	05.12.2017	8.04	7.2	1.6	>16000	4300	Unsatisfactory	TC, FC
10	Chandbali U/s	1084	04.12.2017	8	8.4	1.5	9200	3500	Unsatisfactory	TC, FC
11	Chandbali D/s	10018	04.12.2017	7.79	8	1.6	>16000	9200	Unsatisfactory	TC, FC
12	Dhamra	1085	04.12.2017	7.77	8	1.4	3500	1700	Satisfactory	
13	Bhadrak U/s	3940	04.12.2017	7.83	8.4	0.4	16000	5400	Unsatisfactory	TC, FC
14	Bhadrak D/s	3941	04.12.2017	7.67	8	1	54000	35000	Unsatisfactory	TC, FC

River system : Brahmani

December, 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	06.12.2017	7.61	7.8	1.5	7900	3300		
2	Panposh D/S	1038	06.12.217	7.31	4.4	4.7	54000	35000	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	06.12.2017	7.6	4.9	3.6	35000	24000	Unsatisfactory	BOD, TC, FC
4	Attaghat	3916	06.12.2017	7.9	5.8	3.2	3500	2100	Satisfactory	
5	Biritola	2414	06.12.2017	7.9	6.3	2.7	490	330	Satisfactory	
6	Bonaigarh	1039	06.12.2017	7.83	7.9	0.2	330	170	Satisfactory	
7	Rengali	1040	07.12.2017	8.01	6.8	1.1	2400	2400	Satisfactory	
8	Samal	1041	07.12.2017	8.03	6.7	0.9	3500	1100	Satisfactory	
9	Talcher FU/S	2415	07.12.2017	7.88	7.4	0.6	1300	790	Satisfactory	
10	Talcher U/s	1303	07.12.2017	8.21	7.4	0.8	2400	490	Satisfactory	
11	Talcher D/S	1042	07.12.2017	7.9	6.9	2.5	>16000	>16000	Unsatisfactory	TC, FC
12	Talcher FD/S	2416	07.12.2017	7.98	7.4	0.7	3500	1700	Satisfactory	
13	Nandira U/s	3919	07.12.2017	8.14	6.8	0.9	3500	1300	Satisfactory	
14	Nandira D/s	3920	07.12.2017	8.33	6.2	1	17000	11000	Unsatisfactory	TC, FC
15	Mandapal	3917	07.12.2017	7.9	7.7	2.9	>16000	16000	Unsatisfactory	TC, FC
16	Kisindajhor	3921	07.12.2017	7.77	6.8	0.7	2200	1400	Satisfactory	
17	Dhenkanal U/s	3918	07.12.2017	7.9	7.3	1.1	2400	1300	Satisfactory	
18	Dhenkanal D/s	2417	07.12.2017	8.03	6.9	1.5	9200	3500	Unsatisfactory	TC, FC
19	Bhuban	1043	07.12.2017	7.97	7.5	0.6	>16000	>16000	Unsatisfactory	TC, FC
20	Kabatabandha	2418	04.12.2017	8.31	7.4	0.5	490	220	Satisfactory	
21	Dharmasala U/s	1044	05.12.2017	8.15	7.4	0.4	68	20	Satisfactory	
22	Dharmasala D/s	10019	05.12.2017	8.2	7.2	0.6	1700	460	Satisfactory	
23	Pottamundai	1045	06.12.2017	7.73	8	1	9200	2800	Unsatisfactory	TC, FC
24	Khanditara	2419	05.12.2017	8.06	6.8	0.7	2200	1300	Satisfactory	
25	Binjharpur	3922	05.12.2017	8.03	8.1	0.6	1300	490	Satisfactory	
26	Ali	2420	06.12.2017	7.72	8.8	1.3	5400	3500	Unsatisfactory	TC, FC
27	Sankh U/s	2412	06.12.2017	7.77	7.7	2.1	5400	3500	Unsatisfactory	TC, FC
28	Koel U/s	2413	07.12.2017	7.64	6.9	1.5	16000	16000	Unsatisfactory	TC, FC

29	Guradi nallah	3923	06.12.2017	7.7	3.4	8.5	>160000	>160000	Unsatisfactory	BOD, TC, FC
30	Badajhor	3924	07.12.2017	8.09	6.8	0.5	>16000	16000	Unsatisfactory	TC, FC
31	Damsala at Dayanabil	3933	04.12.2017	8.01	7.6	0.7	3500	1700	Satisfactory	
32	Gondanallah at marthapur	3934	04.12.2017	7.85	7.5	1.6	9200	2200	Unsatisfactory	TC
33	Karo at Barbil	3915	06.12.2017	7.89	6.8	0.9	1400	700	Satisfactory	
34	Lingira U/s	3925	06.12.2017	7.69	8.1	1.2	170	170	Satisfactory	
35	Lingira D/s	3926	06.12.2017	8.46	8.4	1.6	3500	1400	Satisfactory	
36	Ramiala near Kamakhyanagar	3932	07.12.2017	7.92	7.1	0.7	3500	1300	Satisfactory	
37	Bangurunallah	3930	07.12.2017	8.04	6.8	0.8	3500	3500	Satisfactory	
38	Singadajhor	3931	07.12.2017	8.24	7.6	0.9	5400	5400	Unsatisfactory	TC, FC
39	Tikira U/s	3927	07.12.2017	8.1	7.9	0.7	1100	490	Satisfactory	
40	Tikira D/s	3928	07.12.2017	8.09	7.4	0.7	1300	490	Satisfactory	
41	Bangurusingada jhor	3931	07.12.2017	8.2	7	0.3	9200	3500	Unsatisfactory	TC, FC

River system : Budhabalanga

December, 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	05.12.2017	7.85	8.8	1.1	28000	13000	Unsatisfactory	TC, FC
2	Balasore U/s	3943	05.12.2017	7.75	8.4	1.1	54000	24000	Unsatisfactory	TC, FC
3	Balasore D/s	2424	05.12.2017	7.76	7.6	1.8	14000	4900	Unsatisfactory	TC, FC
4	Hatiagond (Sona)	3942	05.12.2017	7.68	8.2	1.4	>16000	9200	Unsatisfactory	TC, FC

River system : Vansadhara

December, 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	04.12.2017	7.71	7.4	0.7	790	220	Satisfactory	
2	Gunupur	2426	04.12.2017	7.88	7	0.9	1100	460	Satisfactory	

River system :
Subarnarekha

December, 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	05.12.2017	7.83	8.2	0.8	1700	790	Satisfactory	

River system : Nagavali

December, 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	05.12.2017	8.13	7.1	0.3	2400	1300	Satisfactory	
2	Jaykaypur D/s	1642	05.12.2017	8.27	6.9	2.5	>16000	>16000	Unsatisfactory	TC, FC
3	Rayagada D/s	1643	05.12.2017	7.89	6.8	2.4	1100	490	Satisfactory	

River system : Kolab

December, 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	04.12.2017	7.62	7.5	1.0	3500	3500	Satisfactory	

River system : Indravati**December, 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	04.12.2017	7.6	6.8	1.2	3500	1700	Satisfactory	

River system : Bahuda**December, 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	04.12.2017	8.29	8.3	0.7	3500	1700	Satisfactory	