

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

July, 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	04.07.2017	8	6.4	1.8	4300	2100	Satisfactory	
2	Jharsuguda	1268	06.07.2017	8	6.8	1.8	4900	3300	Satisfactory	
3	Brajrajnagar-U/S	1300	06.07.2017	7.8	6.6	0.8	3500	1300	Satisfactory	
4	Brajrajnagar-D/S	1269	06.07.2017	8	6.8	1	810	640	Satisfactory	
5	Bheden	2403	06.07.2017	7.6	6.8	0.9	460	110	Satisfactory	
6	Hirakud	1281	05.07.2017	8.35	7.1	0.5	93	20	Satisfactory	
7	Sambalpur U/S	1270	05.07.2017	8.28	7.5	0.4	2800	1100	Satisfactory	
8	Sambalpur D/S	1271	05.07.2017	8.2	7.8	1.6	3500	1100	Satisfactory	
9	Sambalpur FD/S at Shankarmath	3887	05.07.2017	8.05	7.2	1.8	2700	600	Satisfactory	
10	Sambalpur FD/S at Huma	2405	06.07.2017	8.2	8.3	0.6	3500	700	Satisfactory	
11	Power Channel U/S	3888	05.07.2017	8.3	7.3	0.3	<1.8	<1.8	Satisfactory	
12	Power Channel D/S	2404	05.07.2017	8.35	7.8	0.6	110	20	Satisfactory	
13	Sonepur U/S	1272	06.07.2017	8.4	7.9	0.8	790	490	Satisfactory	
14	Sonepur D/S	1274	06.07.2017	8.4	7.4	0.8	3500	1100	Satisfactory	
15	Tikarpada	1275	06.07.2017	8	8.2	0.6	78	78	Satisfactory	
16	Narasinghpur	1276	04.07.2017	8.4	7.1	0.9	790	200	Satisfactory	
17	Munduli	2406	04.07.2017	8.35	6.9	0.8	3500	1700	Satisfactory	
18	Cuttack U/s	1277	04.07.2017	8.3	7.3	0.9	700	460	Unsatisfactory	TC, FC
19	Cuttack D/s	1278	04.07.2017	8.35	6.8	1.2	>160000	160000	Unsatisfactory	TC, FC
20	Cuttack FD/s	3890	04.07.2017	7.8	6.9	1.2	>16000	>16000	Satisfactory	
21	Paradeep U/S	2407	05.07.2017	7.2	6.6	0.8	700	110	Satisfactory	
22	Paradeep D/S	1639	05.07.2017	8	5.6	0.3	>16000	16000	Unsatisfactory	TC, FC
23	Ong river, Dharuakhaman	3889	06.07.2017	8.35	6.8	0.5	93	40	Satisfactory	
24	Tel	2408	06.07.2017	8.3	6.2	0.6	3500	1400	Satisfactory	
25	Kathajodi U/s	3891	05.07.2017	8.2	6.9	0.5	4300	2100	Satisfactory	
26	Kathajodi D/s	1301	06.07.2017	8.1	5.9	2.1	11000	7000	Unsatisfactory	TC, FC
27	Kathajodi FD/s (Mattagajpur)	3892	05.07.2017	8.5	3.3	2.8	35000	11000	Unsatisfactory	DO, TC, FC
28	Kathajodi FFD/s at Kamasasan	3893	04.07.2017	8	6.9	1.3	>16000	9200	Unsatisfactory	TC, FC
29	Sankhatrasa	2409	06.07.2017	8.2	5.9	0.6	2400	2400	Satisfactory	
30	Kuakhai FU/s	2410	04.07.2017	8.28	5.4	1	1600	350	Satisfactory	
31	Kuakhai U/s	1279	04.07.2017	8.25	6.05	0.6	35000	17000	Unsatisfactory	TC, FC
32	Daya at Gelapur	3894	04.07.2017	8.27	7.6	0.8	35000	17000	Unsatisfactory	TC, FC
33	Kuakhai D/s	1280	04.07.2017	7.95	3.4	4.7	>160000	160000	Unsatisfactory	DO, BOD, TC, FC
34	Kuakhai FD/s	2411	04.07.2017	7.9	4.2	3.9	>160000	160000	Unsatisfactory	BOD, TC, FC
35	Daya at Kanas	3895	06.07.2017	8.1	5.8	2.8	4300	2100	Satisfactory	
36	Birupa	1640	05.07.2017	8.1	6	0.3	160000	92000	Unsatisfactory	TC, FC
37	Gangua at Rajdhani College	3996	04.07.2017	7.88	1.3	10.6	16000	9200	Unsatisfactory	DO,BOD,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)
38	Gangua at Palasuni	3897	04.07.2017	8.1	0.55	21	22000	13000	Unsatisfactory	DO,BOD,TC,FC
39	Gangua at Samantarapur	3898	04.07.2017	8.25	Nil	25.8	>160000	>160000	Unsatisfactory	DO,BOD,TC,FC
40	Gangua at vadimula	3899	04.07.2017	7.85	0.9	5.3	>160000	160000	Unsatisfactory	DO,BOD,TC,FC
41	Kushabhadra at Bhingarpur	3903	06.07.2017	8.4	6.6	1.7	1100	490	Satisfactory	
42	Kushabhadra at Nimapara	3904	06.07.2017	8.35	6.2	1.4	4900	2200	Satisfactory	
43	Kushabhadra at Gop	3905	06.07.2017	8.23	6.6	0.4	9200	5400	Unsatisfactory	TC, FC
44	Kendrapada U/s	3900	05.07.2017	8	6.8	0.7	1400	700	Satisfactory	
45	Kendrapada D/s	3901	06.07.2017	8.4	6.6	1.2	1800	790	Satisfactory	
46	Mangala at Malatipatpur	3906	05.07.2017	8.4	5.05	0.3	3500	1700	Satisfactory	
47	Mangala D/s	3907	05.07.2017	8.25	4.2	4.9	68	<1.8	Unsatisfactory	BOD
48	Bhargavi at Chandanpur	3908	05.07.2017	8.4	5.55	1.7	1600	720	Satisfactory	
49	Devi at Machhagaon	3902	05.07.2017	7.4	8	0.5	2800	1400	Satisfactory	
50	Luna at Bijipur	3912	06.07.2017	8.35	6.9	1.2	2800	1400	Satisfactory	
51	River Sabulia	3914	05.07.2017	8.4	6.3	1.8	>16000	>16000	Unsatisfactory	TC, FC
52	Kusumi	3913	05.07.2017	8	6.5	2.3	>16000	>16000	Unsatisfactory	TC, FC
53	River Kansari	3909	05.07.2017	8.3	6.4	1	4300	2800	Satisfactory	
54	River Badasankha	3910	05.07.2017	8.01	8.5	2.5	790	790	Satisfactory	
55	Ratnachira	3911	05.07.2017	7.6	4.5	3.3	17000	68	Unsatisfactory	BOD, TC

River system : Rushikulya

July, 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	05.07.2017	8.35	9.1	1.0	490	170	Satisfactory	
2	Badanadi, Aska	3946	05.07.2017	8.5	7.6	1.2	1800	390	Satisfactory	
3	Rushikulya , Aska	3945	05.07.2017	8.4	5.8	1.2	810	540	Satisfactory	
4	Rushikulya at Nalabanta	3947	05.07.2017	8.4	6.5	1.1	2200	940	Satisfactory	
5	Madhopur	1455	06.07.2017	8.3	8.7	0.6	1800	450	Satisfactory	
6	Potagarh	1456	06.07.2017	8.43	8	0.5	3500	1400	Satisfactory	

River system : Baitarani

July, 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	04.07.2017	7.5	6.1	0.8	92000	90000	Unsatisfactory	TC, FC
2	Kusei at Deogaon	2421	05.07.2017	8.52	6.9	0.2	7900	1700	Unsatisfactory	TC
3	Baitarani at Naigarh	3935	04.07.2017	7.9	7.2	0.3	1400	700	Satisfactory	
4	Baitarani at Unchabali	3936	04.07.2017	7.7	7.2	0.7	3500	1800	Satisfactory	
5	Baitarani at Champua	3937	05.07.2017	7.5	6.8	0.6	3500	1300	Satisfactory	
6	Baitarani at Tribindha	3938	05.07.2017	7.5	7	1.1	330	78	Satisfactory	
7	Baitarani at Joda	1081	05.07.2017	7.6	6.8	1.2	5400	1300	Unsatisfactory	TC
8	Anandpur	1082	05.07.2017	7.7	6.8	1.1	5400	3500	Unsatisfactory	TC
9	Jajpur	1083	06.07.2017	7.8	7.4	0.9	4900	1400	Satisfactory	
10	Chandbali U/s	1084	06.07.2017	7.99	6.8	0.4	9200	5400	Unsatisfactory	TC, FC
11	Chandbali D/s	10018	06.07.2017	8.02	6.4	0.6	>16000	16000	Unsatisfactory	TC, FC
12	Dhamra	1085	06.07.2017	8	6.4	1	1100	700	Satisfactory	
13	Bhadrak U/s	3940	06.07.2017	8.2	6.8	1.3	490	170	Satisfactory	
14	Bhadrak D/s	3941	06.07.2017	8.3	6	1.8	2200	1100	Satisfactory	

River system : Brahmani

July, 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	03.07.2017	7.6	6.5	1.3	16000	16000	Unsatisfactory	TC, FC
2	Panposh D/S	1038	03.07.2017	7.63	5.5	4.5	92000	92000	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	03.07.2017	7.7	6	2.5	>160000	>160000	Unsatisfactory	TC, FC
4	Attaghat	3916	03.07.2017	7.75	5.8	2.5	16000	9200	Unsatisfactory	TC, FC
5	Biritola	2414	03.07.2017	7.8	5.5	1.2	>16000	>16000	Unsatisfactory	TC, FC
6	Bonaigarh	1039	03.07.2017	7.85	6.1	1.6	16000	9200	Unsatisfactory	TC, FC
7	Rengali	1040	06.07.2017	7.5	6.9	0.4	340	110	Satisfactory	
8	Samal	1041	06.07.2017	7.7	7.2	0.3	2400	790	Satisfactory	
9	Talcher FU/S	2415	06.07.2017	7.9	7.1	0.3	260	68	Satisfactory	
10	Talcher U/s	1303	06.07.2017	7.97	7.3	0.6	1700	700	Satisfactory	
11	Talcher D/S	1042	05.07.2017	8.43	6.8	0.9	110	20	Satisfactory	
12	Talcher FD/S	2416	05.07.2017	8.35	7.2	1	490	110	Satisfactory	
13	Nandira U/s	3919	06.07.2017	8	7.4	0.8	1700	790	Satisfactory	
14	Nandira D/s	3920	06.07.2017	7.9	7.2	1.2	2200	790	Satisfactory	
15	Mandapal	3917	06.07.2017	7.7	7.6	0.4	1800	450	Satisfactory	
16	Kisindajhor	3921	05.07.2017	8.4	7.6	0.2	490	140	Satisfactory	
17	Dhenkanal U/s	3918	05.07.2017	8.3	6.8	0.5	490	110	Satisfactory	
18	Dhenkanal D/s	2417	05.07.2017	8.2	6.4	0.8	580	170	Satisfactory	
19	Bhuban	1043	05.07.2017	7.4	6.2	0.6	460	310	Satisfactory	
20	Kabatabandha	2418	05.07.2017	7.9	7.4	0.7	810	620	Satisfactory	
21	Dharmasala U/s	1044	06.07.2017	7.9	7.9	0.5	1300	330	Satisfactory	
22	Dharmasala D/s	10019	06.07.2017	7.85	8.1	0.8	16000	3500	Unsatisfactory	TC, FC
23	Pottamundai	1045	06.07.2017	7.5	6.2	0.3	>16000	>16000	Unsatisfactory	TC, FC
24	Khanditara	2419	06.07.2017	7.84	7.2	0.7	330	45	Satisfactory	
25	Binjarpur	3922	06.07.2017	7.82	7.4	0.8	1800	790	Satisfactory	
26	Ali	2420	06.07.2017	7.7	7.6	1.6	1300	340	Satisfactory	
27	Sankh U/s	2412	04.07.2017	7.9	6.8	1.2	5400	3500	Unsatisfactory	TC, FC
28	Koel U/s	2413	03.07.2017	7.7	6.1	1.3	>16000	>16000	Unsatisfactory	TC, FC
29	Guradi nallah	3923	03.07.2017	7.1	4.8	5.6	>160000	>160000	Unsatisfactory	BOD, TC, FC
30	Badajhor	3924	05.07.2017	8.45	7.1	1.1	>16000	>16000	Unsatisfactory	TC, FC
31	Damsala at Dayanabil	3933	05.07.2017	7.9	7.4	0.5	1400	320	Satisfactory	
32	Gondanallah at	3934	05.07.2017	8.05	6.8	0.4	1300	490	Satisfactory	
33	Karo at Barbil	3915	04.07.2017	7.5	6.8	1.2	28000	14000	Unsatisfactory	TC, FC

34	Lingira U/s	3925	06.07.2017	8.45	7.2	1.2	700	330	Satisfactory	
35	Lingira D/s	3926	06.07.2017	8.4	7.8	1.6	3500	1100	Satisfactory	
36	Ramiala near Kasabkudasanagar	3932	05.07.2017	8.2	6.9	0.6	480	170	Satisfactory	
37	Bangurunallah	3930	06.07.2017	7.5	7.4	1.3	16000	9200	Unsatisfactory	TC, FC
38	Singadajhor	3931	06.07.2017	8.1	7.2	0.4	1700	790	Satisfactory	
39	Tikira U/s	3927	06.07.2017	7.65	6.8	1.3	1100	330	Satisfactory	
40	Tikira D/s	3928	06.07.2017	7.7	6.5	1.9	3300	1300	Satisfactory	
41	Bangurusingada jhor	3931	05.07.2017	8.4	7.6	1.7	1300	490	Satisfactory	

River system : Budhabalanga July, 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	05.07.2017	8.2	7.6	1.3	1300	490	Satisfactory	
2	Balasure U/s	3943	05.07.2017	8.35	7.2	1.8	54000	35000	Unsatisfactory	TC, FC
3	Balasure D/s	2424	05.07.2017	8	5.6	2	160000	92000	Unsatisfactory	TC, FC
4	Hatiagond (Sona)	3942	05.07.2017	8.28	7.6	0.6	4600	1700	Satisfactory	

River system : Vansadhara July, 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	05.07.2017	8.3	6.4	0.8	4900	1700	Satisfactory	
2	Gunupur	2426	05.07.2017	8.15	7.1	1.2	>16000	16000	Unsatisfactory	TC, FC

River system : Subarnarekha July, 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	05.07.2017	8.24	7.2	0.8	>16000	>16000	Unsatisfactory	TC, FC

River system : Nagavali July, 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	04.07.2017	8.25	7.5	1	3500	1700	Satisfactory	
2	Jaykaypur D/s	1642	04.07.2017	8.25	6.5	1.6	3500	1700	Satisfactory	
3	Rayagada D/s	1643	04.07.2017	8.2	7.3	2.6	5400	2200	Unsatisfactory	TC

River system : Kolab July, 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	03.07.2017	7.85	6.8	0.6	4000	2100	Satisfactory	

River system : Indravati July, 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	03.07.2017	7.75	7.4	1.9	4900	2200	Satisfactory	

River system : Bahuda July, 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	05.07.2017	8.4	6.6	0.6	700	210	Satisfactory	