

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

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Sundargarh	1267	09.06.2018	11:00	35	7.43	6.4	1.7	9.7	110	45	Satisfactory	
2	Jharsuguda	1268	18.06.2018	10:30	27	8.35	7.6	1.1	6.5	700	220	Satisfactory	
3	Brajrajnagar-U/S	1300	18.06.2018	11:10	28	8.2	7.8	1	6.5	2200	1100	Satisfactory	
4	Brajrajnagar-D/S	1269	18.06.2018	11:50	30	8.24	7.6	1.2	8.1	3500	1700	Satisfactory	
5	Bheden	2403	18.06.2018	12:30	27	8.16	7.4	2	12.9	1100	490	Satisfactory	
6	Hirakud	1281	01.06.2018	8:10	30	7.98	6.8	0.3	4.8	20	<1.8	Satisfactory	
7	Sambalpur U/S	1270	01.06.2018	9:20	28	7.58	7.1	1.4	9.7	490	130	Satisfactory	
8	Sambalpur D/S	1271	01.06.2018	9:40	28	7.44	7.8	1.8	14.5	790	330	Satisfactory	
9	Sambalpur FD/S at Shankarmath	3887	01.06.2018	10:10	30	7.31	6.9	1.1	9.7	330	170	Satisfactory	
10	Sambalpur FD/S at Huma	2405	02.06.2018	9:05	30	7.72	7.2	0.4	8.1	220	45	Satisfactory	
11	Power Channel U/S	3888	01.06.2018	8:25	29	7.82	7.6	0.3	4.8	<1.8	<1.8	Satisfactory	
12	Power Channel D/S	2404	01.06.2018	8:40	29	7.8	7.5	0.6	8.1	220	78	Satisfactory	
13	Sonepur U/S	1272	02.06.2018	10:45	32	7.68	7.9	0.2	4.8	45	<1.8	Satisfactory	
14	Sonepur D/S	1274	02.06.2018	11:10	31	7.63	7.3	0.4	8.1	230	78	Satisfactory	
15	Tikarpada	1275	11.06.2018	12:30	27.6	8.21	7.4	0.6	6.5	490	170	Satisfactory	
16	Narasinghpur	1276	05.06.2018	4:00	30	8.46	7.6	0.6	6.5	170	78	Satisfactory	
17	Munduli	2406	05.06.2018	12:30	32	8.27	7.4	0.6	4.8	140	45	Satisfactory	
18	Cuttack U/s	1277	05.06.2018	11:40	32	8.24	7.4	0.8	8.1	490	170	Satisfactory	
19	Cuttack D/s	1278	05.06.2018	11:00	32	7.96	6.8	1.3	14.5	1300	490	Satisfactory	
20	Cuttack FD/s	3890	05.06.2018	10:40	32	8.15	6.6	1.1	9.7	790	330	Satisfactory	
21	Paradeep U/S	2407	06.06.2018	3:00	23	7.97	6.8	1.3	12.9	78	20	Satisfactory	
22	Paradeep D/S	1639	06.06.2018	4:30	27.5	8.07	6.8	1.7	17.7	<1.8	<1.8	Satisfactory	
23	Ong river, Dharuakhaman	3889	02.06.2018	12:40	30	7.76	8.4	0.2	8.1	<1.8	<1.8	Satisfactory	
24	Tel	2408	02.06.2018	11:30	30	8.01	6.7	0.6	4.8	<1.8	<1.8	Satisfactory	

25	Kathajodi U/s	3891	06.06.2018	11:40	30	8.05	8.4	0.9	8.1	330	130	Satisfactory	
26	Kathajodi D/s	1301	06.06.2018	4:10	28	8.2	6.6	2.6	19.4	1700	1100	Satisfactory	
27	Kathajodi FD/s (Mattagajpur)	3892	06.06.2018	2:15	30	7.84	9.2	2.8	22.6	17000	11000	Unsatisfactory	TC, FC
28	Kathajodi FFD/s at Kamasasan	3893	06.06.2018	2:50	28	7.93	6.8	0.5	8.7	1100	490	Satisfactory	
29	Sankhatrasa	2409	06.06.2018	3:30	28	7.68	6.6	1.2	12.9	1300	790	Satisfactory	
30	Kuakhai FU/s	2410	04.06.2018	2:20	26.8	7.73	7.1	0.4	8.1	340	170	Satisfactory	
31	Kuakhai U/s	1279	04.06.2018	2:40	27.8	8.19	6.3	0.6	9.7	3500	2400	Satisfactory	
32	Daya at Gelapur	3894	04.06.2018	3:55	27	8.13	7.4	0.5	6.5	460	170	Satisfactory	
33	Kuakhai D/s	1280	01.06.2018	11:30	32	8.23	1.1	5.3	37.1	54000	35000	Unsatisfactory	DO, BOD, TC, FC
34	Kuakhai FD/s	2411	01.06.2018	12:05	32	8.03	1.4	4.2	33.9	35000	17000	Unsatisfactory	DO, BOD, TC, FC
35	Daya at Kanas	3895	07.06.2018	4:45	31.8	8.1	5.5	1.4	12.9	7900	2200	Unsatisfactory	TC
36	Birupa	1640	06.06.2018	10:30	29	8.21	8.4	0.4	8.1	790	330	Satisfactory	
Sl. No.	Name of Station	Code										WQI	Non-conforming parameter (s)
37	Gangua at Rajdhani College	3996	04.06.2018	0:00	31.8	7.18	1.4	21.2	58.6	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
38	Gangua at Palasuni	3897	04.06.2018	3:15	27	7.2	0.8	34.3	64.5	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
39	Gangua at Samantarapur	3898	04.06.2018	3:40	27.1	7.85	0.3	29.4	88.7	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
40	Gangua at vadimula	3899	01.06.2018	1:30	31.5	8.06	1.8	16.3	41.9	>160000	>160000	Unsatisfactory	DO, BOD, TC, FC
41	Kushabhadra at Bhingarpur	3903	07.06.2018	11:20	29.6	8.27	5.9	0.7	14.5	4900	1700	Satisfactory	
42	Kushabhadra at Nimapara	3904	07.06.2018	1:40	30.4	8.45	7.6	0.9	14.5	3500	2400	Satisfactory	
43	Kushabhadra at Gop	3905	07.06.2018	2:25	30.4	8.45	8.2	0.5	12.9	3500	2400	Satisfactory	
44	Kendrapada U/s	3900	07.06.2018	10:15	31	8.36	7.2	1.6	14.5	43000	28000	Unsatisfactory	TC, FC
45	Kendrapada D/s	3901	07.06.2018	10:40	32	7.92	7.1	2	17.7	92000	54000	Unsatisfactory	TC, FC
46	Mangala at Malatipatpur	3906	22.06.2018	9:40	30.1	8.04	5.1	1.5	9.4	490	330	Satisfactory	
47	Mangala D/s	3907	21.06.2018	6:40	31.8	8.11	5.2	2.8	17.6	2400	790	Satisfactory	

48	Bhargavi at Chandanpur	3908	22.06.2018	10:25	30.3	8.3	5.6	1.2	9.4	330	110	Satisfactory	
49	Devi at Machhagaon	3902	06.06.2018	11:30	27.2	8.17	6.9	1.2	40.3	110	45	Satisfactory	
50	Luna at Bijipur	3912	07.06.2018	4:05	30.3	8.3	8.4	1	12.9	4300	2100	Satisfactory	
51	River Sabulia	3914	06.06.2018	1:50	33	8.4	7.9	1	9.7	2800	1400	Satisfactory	
52	Kusumi	3913	06.06.2018	3:20	32	8.06	6.4	0.7	37.1	700	220	Satisfactory	
53	River Kansari	3909	06.06.2018	2:50	31	7.83	8.4	0.7	27.4	1300	490	Satisfactory	
54	River Badasankha	3910	06.06.2018	2:30	33	8.38	7.8	2.2	11.3	9200	5400	Unsatisfactory	TC, FC
55	Ratnachira	3911	22.06.2018	11:30	30.4	8.14	7.4	2.2	14.1	9200	3500	Unsatisfactory	TC, FC

River system : Rushikulya

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Russelkunda Reservoir	3944	06.06.2018	4:30	25	8.23	7	0.9	8.1	330	130	Satisfactory	
2	Badanadi, Aska	3946	06.06.2018	2:00	26	8.01	6.5	1.1	9.7	1300	790	Satisfactory	
3	Rushikulya , Aska	3945	06.06.2018	1:30	25	7.89	6.5	1.2	11.3	340	140	Satisfactory	
4	Rushikulya at Nalabanta	3947	06.06.2018	12:30	26	8.01	7.3	1.2	9.7	2200	1100	Satisfactory	
5	Madhopur	1455	07.06.2018	10:00	26	8	6.2	0.7	6.5	3500	1300	Satisfactory	
6	Potagarh	1456	07.06.2018	12:30	26	7.7	7.5	1.5	40.3	<1.8	<1.8	Satisfactory	

River system : Baitarani

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Kundra nallah at Joda	3939	11.06.2018	4:55	25	7.97	7.6	1.5	11.3	230	130	Satisfactory	
2	Kusei at Deogaon	2421	13.06.2018	8:20	27	8.45	7.4	0.8	8.1	1400	790	Satisfactory	
3	Baitarani at Naigarh	3935	11.06.2018	10:05	21	8.02	6.6	0.4	6.5	220	78	Satisfactory	
4	Baitarani at Unchabali	3936	11.06.2018	10:50	22	7.88	6.3	1.5	9.7	78	20	Satisfactory	
5	Baitarani at Champua	3937	12.06.2018	10:40	24	7.82	6	0.9	8.1	430	130	Satisfactory	
6	Baitarani at Tribindha	3938	12.06.2018	12:13	26	7.9	6.4	0.7	8.1	330	130	Satisfactory	
7	Baiatarani at Joda	1081	11.06.2018	5:40	26	7.8	6.2	0.6	11.3	170	78	Satisfactory	
8	Anandpur	1082	13.06.2018	7:40	26	7.87	7.6	1	11.3	790	270	Satisfactory	
9	Jajpur	1083	07.06.2018	2:15	27	8.14	8.1	0.6	8.1	170	78	Satisfactory	
10	Chandbali U/s	1084	07.06.2018	3:00	30	7.5	7.2	0.7	20.9	3500	1700	Satisfactory	
11	Chandbali D/s	10018	07.06.2018	3:20	30	8	6.8	1.5	33.9	3500	1700	Satisfactory	
12	Dhamra	1085	07.06.2018	6	25	8.12	6.8	0.5	9.7	700	310	Satisfactory	
13	Bhadrak U/s	3940	07.06.2018	5:30	26	7.93	5.6	1.5	17.7	940	490	Satisfactory	
14	Bhadrak D/s	3941	07.06.2018	10:45	28	7.6	6.4	0.7	20.9	5400	2400	Unsatisfactory	TC, FC

River system : Brahmani

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Panposh U/S	1037	06.06.2018	7:00	30	8.3	7.1	1.3	12.9	790	330	Satisfactory	
2	Panposh D/S	1038	06.06.2018	9:00	31	8.08	6.8	3.2	27.4	11000	7900	Unsatisfactory	BOD, TC, FC
3	Jalda (Rourkela D/S)	1302	08.06.2018	11:00	32	8.17	6.4	3.1	27.4	7900	3300	Unsatisfactory	BOD, TC, FC
4	Attaghat	3916	08.06.2018	12:15	31	8.18	7.4	1.9	14.5	92	20	Satisfactory	
5	Biritola	2414	08.06.2018	1:00	33	8.24	8	2	14.5	45	20	Satisfactory	
6	Bonaigarh	1039	08.06.2018	2:00	32	8.21	7.8	2.1	11.3	20	20	Satisfactory	
7	Rengali	1040	12.06.2018	4:10	29	8.1	6.8	1.5	12.9	700	230	Satisfactory	
8	Samal	1041	12.06.2018	11:30	30	8.03	7.2	0.6	12.9	1300	490	Satisfactory	
9	Talcher FU/S	2415	12.06.2018	10:10	29	8.08	7.4	1.1	9.7	490	170	Satisfactory	
10	Talcher U/s	1303	12.06.2018	9:10	29	8.07	7.6	0.8	8.1	790	330	Satisfactory	
11	Mandapal	3917	12.06.2018	9:35	29	7.92	7.1	0.6	9.7	230	78	Satisfactory	
12	Talcher D/S	1042	12.06.2018	8:20	28	8.1	6.9	1.4	11.3	1300	490	Satisfactory	
13	Talcher FD/S	2416	12.06.2018	9:15	30	8.14	7.6	0.5	8.1	790	220	Satisfactory	
14	Nandira U/s	3919	12.06.2018	8:10	28	7.85	7.2	0.9	8.1	490	170	Satisfactory	
15	Nandira D/s	3920	12.06.2018	8:40	28	8.18	7.4	1.2	11.3	1300	330	Satisfactory	
16	Kisindajhor	3921	12.06.2018	9:45	29	8.28	7.6	0.9	9.7	1100	330	Satisfactory	
17	Dhenkanal U/s	3918	12.06.2018	11:00	28	7.9	7.4	0.9	6.5	1300	330	Satisfactory	
18	Dhenkanal D/s	2417	12.06.2018	3:40	30	8.03	7.9	1.2	12.9	3500	1700	Satisfactory	
19	Bhuban	1043	12.06.2018	1:30	29	8.25	6.8	0.9	12.9	130	45	Satisfactory	
20	Kabatabandha	2418	06.06.2018	1:40	23	8	7.6	0.6	8.1	4300	2800	Unsatisfactory	FC
21	Dharmasala U/s	1044	07.06.2018	4:15	20	7.9	6.8	0.7	9.7	1100	700	Satisfactory	
22	Dharmasala D/s	10019	07.06.2018	3:50	22	8.02	6.6	1.6	16.1	3500	1300	Satisfactory	
23	Pottamundai	1045	07.06.2018	11:30	33	8.21	7.8	1.5	11.3	490	170	Satisfactory	
24	Khanditara	2419	07.06.2018	3:15	23	8.08	8.4	0.8	8.1	110	45	Satisfactory	
25	Binjharpur	3922	07.06.2018	1:05	26	8.07	7.4	0.3	8.1	78	20	Satisfactory	
26	Ali	2420	07.06.2018	12:30	33	8.37	7.4	1.2	11.3	220	45	Satisfactory	
27	Sankh U/s	2412	08.06.2018	2:00	35	8.11	7.6	1.7	9.7	790	330	Satisfactory	
28	Koel U/s	2413	08.06.2018	8:00	30	8.13	6.6	0.9	8.1	1300	490	Satisfactory	

29	Guradi nallah	3923	08.06.2018	10:00	31	7.94	2.2	6.4	27.4	17000	7900	Drain	
30	Badajhor	3924	12.06.2018	2:20	31	8.1	6.9	0.7	9.7	3500	1300	Satisfactory	
31	Damsala at Dayanabil	3933	06.06.2018	11:40	20	8.25	7.8	0.5	9.7	1100	490	Satisfactory	
32	Gondanallah at marthapur	3934	06.06.2018	3:20	21	8.2	7.2	0.9	14.5	3500	1300	Satisfactory	
33	Karo at Barbil	3915	11.06.2018	3:45	24	8.15	7.5	0.5	12.9	700	330	Satisfactory	
34	Lingira U/s	3925	11.06.2018	1:55	28	8.34	6.4	0.6	8.1	340	140	Satisfactory	
35	Lingira D/s	3926	11.06.2018	3:15	28	8.41	6.8	0.8	9.7	790	270	Satisfactory	
36	Ramiala near Kamakhyanagar	3932	12.06.2018	12:15	30	8.23	8.1	1.5	9.7	1300	490	Satisfactory	
37	Bangurunallah	3930	12.06.2018	11:00	28	8.5	7.9	1.5	14.5	1300	490	Satisfactory	
38	Singadajhor	3931	12.06.2018	12:00	29	8.4	7.8	1.2	12.9	640	310	Satisfactory	
39	Tikira U/s	3927	12.06.2018	3:30	29	8.23	7.4	0.5	9.7	940	460	Satisfactory	
40	Tikira D/s	3928	12.06.2018	12:30	30	8.31	7.6	0.7	9.7	1700	790	Satisfactory	
41	Bangurusingada jhor	3931	12.06.2018	10:30	28	8.4	8.4	0.9	8.1	3500	1300	Satisfactory	

River system : Budhabalanga

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Baripada D/s	2423	06.06.2018	3:00	30	8.04	8.8	0.7	9.7	3500	1300	Satisfactory	
2	Balasure U/s	3943	06.06.2018	4:30	28	7.98	7.2	0.6	6.5	2200	1300	Satisfactory	
3	Balasure D/s	2424	06.06.2018	10:00	28	7.86	6.8	1.2	12.9	3500	1700	Satisfactory	
4	Hatiagond (Sona)	3942	06.06.2018	5:30	26	7.6	7.2	1.2	8.1	3500	1300	Satisfactory	

River system :

June, 2018

Vansadhara

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Muniguda	2427	08.06.2018	12:10	30	7.73	7.1	0.6	8.1	170	45	Satisfactory	
2	Gunupur	2426	08.06.2018	9:30	28	8.41	7.3	0.2	11.3	790	330	Satisfactory	

River system : Subarnarekha

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Rajghat	1641	06.06.2018	12:00	30	8.1	8	0.3	9.7	2100	1200	Satisfactory	

River system : Nagavali

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Penta U/s	2422	08.06.2018	2:30	31	8.15	7.5	1.4	9.7	110	45	Satisfactory	
2	Jaykaypur D/s	1642	08.06.2018	3:10	31	8.1	6.6	1.8	20.9	1700	700	Satisfactory	
3	Rayagada D/s	1643	08.06.2018	7:30	25	8.03	7.4	1.2	12.9	2800	1700	Satisfactory	

River system : Kolab

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, 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	08.06.2018	1:40	25	8.09	7.2	0.5	8.1	78	20	Satisfactory	

River system : Indravati

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Indravati at Nawarangpur	3948	08.06.2018	10:10	30	8.08	7.4	0.2	11.3	45	<1.8	Satisfactory	

River system : Bahuda

June, 2018

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (°C)	pH	DO, mg/l	BOD, mg/l	COD, mg/l	TC, MPN/100 ml	FC, MPN/100 ml	WQI	Non-conforming parameter (s)
1	Bahuda at Damodarpally	3949	06.06.2018	9:00	25	8.21	7	1.1	14.5	1100	460	Satisfactory	