

Water Quality Bulletin of State Pollution Control Board, Odisha

River system : Mahanadi

September, 2019

Criteria for Satisfactory WC

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	Sampling Time (AM/PM)	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	11.09.2019	10:00	28	7.4	7	0.7	9.7	400	78	Satisfactory	FALSE
2	Jharsuguda	1268	19.09.2019	10:45	25	7.5	7.8	1	11.4	3500	2400	Satisfactory	FALSE
3	Brajrajnagar-U/S	1300	19.09.2019	11:30	24	7.5	7.6	0.7	9.5	1700	460	Satisfactory	FALSE
4	Brajrajnagar-D/S	1269	19.09.2019	12:05	25	7.4	7.8	0.7	9.5	2200	700	Satisfactory	FALSE
5	Bheden	2403	19.09.2019	12:45	24	7.3	8	0.6	9.5	3500	2400	Satisfactory	FALSE
6	Hirakud	1281	06.09.2019	12:20	30	7.3	7.4	0.6	9.7	350	170	Satisfactory	FALSE
7	Sambalpur U/S	1270	06.09.2019	10:15	29	6.7	6.4	0.6	9.7	1700	790	Satisfactory	FALSE
8	Sambalpur D/S	1271	06.09.2019	9:30	29	6.9	6.6	0.7	9.7	4600	2100	Unsatisfactory	FALSE
9	Sambalpur FD/S at Shankarmath	3887	05.09.2019	8:30	30	7	6.4	0.5	7.7	700	170	Satisfactory	FALSE
10	Sambalpur FD/S at Huma	2405	05.09.2019	9:45	30	7	7	0.6	7.7	490	110	Satisfactory	FALSE
11	Power Channel U/S	3888	06.09.2019	11:30	30	7.2	6.2	0.5	9.7	220	170	Satisfactory	FALSE
12	Power Channel D/S	2404	06.09.2019	10:45	29	6.6	6.6	0.8	11.6	280	170	Satisfactory	FALSE
13	Sonepur U/S	1272	05.09.2019	11:30	29	7	6.6	0.4	5.8	110	22	Satisfactory	FALSE
14	Sonepur D/S	1274	05.09.2019	12:20	29	7	6.2	0.4	5.8	140	22	Satisfactory	FALSE
15	Tikarpada	1275	04.09.2019	12:20	27	7.8	7.4	0.7	7.8	110	31	Satisfactory	FALSE
16	Narasimhpur	1276	05.09.2019	3:30	29	6.8	7.2	1.1	13.6	1100	220	Satisfactory	FALSE
17	Munduli	2406	05.09.2019	11:20	30	6.9	7.1	0.8	11.6	2200	790	Satisfactory	FALSE
18	Cuttack U/s	1277	05.09.2019	10:45	30	6.9	7.3	0.7	9.7	1100	330	Satisfactory	FALSE
19	Cuttack D/s	1278	05.09.2019	9:30	29	6.9	7.3	1	11.6	1800	940	Satisfactory	FALSE
20	Cuttack FD/s	3890	05.09.2019	9:15	28	7	7.5	0.8	9.7	1400	460	Satisfactory	FALSE
21	Paradeep U/S	2407	05.09.2019	3:36	32.7	6.8	6.8	0.6	11.6	2200	790	Satisfactory	FALSE
22	Paradeep D/S	1639	05.09.2019	3:50	32.7	7.1	5.8	0.8	15.5	220	79	Satisfactory	FALSE
23	Ong river, Dharuakhaman	3889	05.09.2019	3:40	29	7.1	6.8	1.2	13.6	70	11	Satisfactory	FALSE
24	Tel	2408	05.09.2019	1:10	29	7.1	6.8	0.8	9.7	46	11	Satisfactory	FALSE
25	Kathajodi U/s	3891	06.09.2019	11:20	28	7	7.3	1	11.6	1300	330	Satisfactory	FALSE
26	Kathajodi D/s	1301	06.09.2019	3:40	23	7.1	6.9	1.4	17.4	9400	2100	Unsatisfactory	FALSE
27	Kathajodi FD/s (Mattagajpur)	3892	06.09.2019	1:05	28	6.9	6.2	2.2	23.2	7000	1700	Satisfactory	FALSE
28	Kathajodi FFD/s at Kamasasan	3893	06.09.2019	2:20	25	7	7.5	0.5	7.7	2200	400	Satisfactory	FALSE
29	Sankhatrasa	2409	06.09.2019	3:04	24	7	7.3	1.2	13.6	2800	470	Satisfactory	FALSE
30	Kuakhai FU/s	2410	06.09.2019	11:25	26.5	8.3	6.1	1	11.6	1700	490	Satisfactory	FALSE
31	Kuakhai U/s	1279	06.09.2019	11:50	26.5	7.8	6.2	1.7	13.6	3500	1100	Satisfactory	FALSE
32	Daya at Gelapur	3894	06.09.2019	12:55	26.7	7.3	7.2	0.5	9.7	1300	330	Satisfactory	FALSE
33	Kuakhai D/s	1280	06.09.2019	4:45	26.6	7.5	5.2	2	17.5	11000	4900	Unsatisfactory	#NAME?

River system : Rushikulya

September, 2019

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	Russekunda Reservoir	3944	05.09.2019	10:00	22	7.6	8.2	1.1	11.6	1400	390	Satisfactory	FALSE
2	Badanadi, Aska	3946	05.09.2019	12:30	22	7.8	7.5	1.8	13.6	3500	1700	Satisfactory	FALSE
3	Rushikulya , Aska	3945	05.09.2019	1:30	22	7.9	8	0.9	9.7	4300	3500	Satisfactory	FALSE
4	Rushikulya at Nalabanta	3947	05.09.2019	2:30	21	7.8	7.6	0.8	9.7	2200	1100	Satisfactory	FALSE
5	Madhopur	1455	05.09.2019	3:00	22	7.9	7.2	0.5	5.8	2200	1300	Satisfactory	FALSE
6	Potagarh	1456	05.09.2019	4:00	20	7.8	7.5	1.4	13.6	350	130	Satisfactory	FALSE

River system : Baitarani

September, 2019

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	05.09.2019	5:20	23	7.1	7.2	1.2	7.7	200	68	Satisfactory	FALSE
2	Kusei at Deogaon	2421	07.09.2019	10:05	21	6.9	8.5	1.3	15.4	1400	700	Satisfactory	FALSE
3	Baitarani at Naigarh	3935	05.09.2019	10:15	24	6.8	6.5	0.4	7.7	280	21	Satisfactory	FALSE
4	Baitarani at Unchabali	3936	05.09.2019	10:55	25	6.8	6	0.4	7.7	700	45	Satisfactory	FALSE
5	Baitarani at Champua	3937	06.09.2019	11:25	25	7.1	6.5	0.8	9.7	260	110	Satisfactory	FALSE
6	Baitarani at Tribindha	3938	06.09.2019	9:40	24	7.1	7.1	0.4	7.7	170	21	Satisfactory	FALSE
7	Baitarani at Joda	1081	05.09.2019	4:15	24	6.8	5.5	0.5	13.6	260	110	Satisfactory	FALSE
8	Anandpur	1082	07.09.2019	9:10	20	7	6.8	1.3	13.6	1100	220	Satisfactory	FALSE
9	Jajpur	1083	05.09.2019	11:15	24	7.1	7.1	2.1	17.4	1700	790	Satisfactory	FALSE
10	Chandbali U/s	1084	05.09.2019	1:30	27	7	6.8	0.5	3.9	430	350	Satisfactory	FALSE
11	Chandbali D/s	10018	05.09.2019	2:00	27	7	6.4	1.2	15.4	920	350	Satisfactory	FALSE
12	Dhamra	1085	05.09.2019	10:30	26	7	6.8	1.8	9.7	1600	1600	Satisfactory	FALSE
13	Bhadrak U/s	3940	05.09.2019	5:30	26	7	7.2	1	11.6	1300	270	Satisfactory	FALSE
14	Bhadrak D/s	3941	05.09.2019	4:30	26	7	6.4	1.2	11.6	2200	700	Satisfactory	FALSE

River system : Brahmani

September, 2019

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	11.09.2019	3:20	27	7.4	7.2	1.4	11.6	2200	790	Satisfactory	FALSE
2	Panposh D/S	1038	10.09.2019	3:30	28	7.2	4.4	4.4	36.7	16000	5400	Unsatisfactory	#NAME?
3	Jalda (Rourkela D/S)	1302	10.09.2019	3:00	28	7	4.5	4.2	30.9	16000	4300	Unsatisfactory	#NAME?
4	Attaghat	3916	10.09.2019	2:30	30	7.1	8.2	1.9	15.4	4300	2100	Satisfactory	FALSE
5	Biritola	2414	10.09.2019	1:10	28	7.2	6.2	1.8	15.4	2200	700	Satisfactory	FALSE
6	Bonaigarh	1039	10.09.2019	10:18	28	7.2	6.8	0.9	11.6	1400	490	Satisfactory	FALSE
7	Rengali	1040	04.09.2019	4:30	29	7.7	6.4	0.7	11.6	130	33	Satisfactory	FALSE
8	Samal	1041	04.09.2019	12:25	29	7.6	6.8	1	11.6	490	130	Satisfactory	FALSE
9	Talcher FU/S	2415	04.09.2019	11:30	29	7.5	7.6	0.8	11.6	490	130	Satisfactory	FALSE
10	Talcher U/s	1303	04.09.2019	9:50	29	7.4	7.8	0.5	7.8	640	170	Satisfactory	FALSE
11	Mandapal	3917	04.09.2019	10:20	29	7.5	7.2	0.8	11.6	2200	330	Satisfactory	FALSE
12	Talcher D/S	1042	05.09.2019	8:00	29	7.4	7.8	1.1	15.5	700	210	Satisfactory	FALSE
13	Talcher FD/S	2416	05.09.2019	10:00	29	7.5	8.2	0.8	11.6	460	170	Satisfactory	FALSE
14	Nandira U/s	3919	04.09.2019	9:00	28	7.3	8.6	0.4	7.8	1100	230	Satisfactory	FALSE
15	Nandira D/s	3920	04.09.2019	9:30	28	7.4	7.2	1.4	15.5	1300	340	Satisfactory	FALSE
16	Kisindajhor	3921	05.09.2019	8:45	29	7.5	6.4	0.6	7.8	490	170	Satisfactory	FALSE
17	Dhenkanal U/s	3918	05.09.2019	11:50	29	7.5	7.8	1.2	15.5	1100	170	Satisfactory	FALSE
18	Dhenkanal D/s	2417	05.09.2019	3:10	29	7.5	7.6	1.2	15.5	700	130	Satisfactory	FALSE
19	Bhuban	1043	05.09.2019	2:15	28	6.9	7.8	0.5	5.8	1700	210	Satisfactory	FALSE
20	Kabatabandha	2418	06.09.2019	2:40	24	6.9	7.6	0.8	9.7	640	140	Satisfactory	FALSE
21	Dharmasala U/s	1044	05.09.2019	1:50	26	7	8.1	1.2	11.6	2200	700	Satisfactory	FALSE
22	Dharmasala D/s	10019	05.09.2019	1:20	26	7.1	8.4	1.2	11.6	2800	940	Satisfactory	FALSE
23	Pottamundai	1045	04.09.2019	2:30	31.6	7.1	7.9	0.4	7.8	1100	230	Satisfactory	FALSE
24	Khanditara	2419	05.09.2019	2:20	24	7.1	6.8	0.6	5.8	350	210	Satisfactory	FALSE
25	Binjharpur	3922	05.09.2019	12:10	25	7.2	6.5	0.6	5.8	2100	940	Satisfactory	FALSE
26	Ali	2420	06.09.2019	3:30	32.1	7	7.2	0.8	9.7	700	130	Satisfactory	FALSE
27	Sankh U/s	2412	11.09.2019	3:00	26	7.3	7	1.1	13.5	1100	260	Satisfactory	FALSE
28	Koel U/s	2413	12.09.2019	7:00	26	7.3	7.2	2	15.4	1700	490	Satisfactory	FALSE
29	Guradi nallah	3923	11.09.2019	4:30	30	6.9	5.2	5.5	48.3	160000	160000	Drain	#NAME?
30	Badajhor	3924	05.09.2019	3:45	29	7.5	6.6	0.8	7.8	2200	330	Satisfactory	FALSE

31	Damsala at Dayanabil	3933	06.09.2019	12:10	25	7.3	6.8	0.4	7.7	700	170	Satisfactory	FALSE
32	Gondanallah at marthapur	3934	06.09.2019	3:30	23	7.2	6.4	1.6	15.4	940	330	Satisfactory	FALSE
33	Karo at Barbil	3915	05.09.2019	3:05	25	7	5.9	0.4	5.8	170	14	Satisfactory	FALSE
34	Lingira U/s	3925	04.09.2019		27	8.2	7.1	0.7	9.7	790	130	Satisfactory	FALSE
35	Lingira D/s	3926	04.09.2019		26	8	6.8	1.6	13.6	1300	230	Satisfactory	FALSE
36	Ramiala near Kamakhyanagar	3932	05.09.2019	12:30	29	7.7	8.4	1	11.6	2200	790	Satisfactory	FALSE
37	Bangurunallah	3930	04.09.2019	12:00	28	7.8	7.4	0.4	7.8	460	130	Satisfactory	FALSE
38	Singadajhor	3931	04.09.2019	12:40	28	7.9	6	0.6	9.7	940	170	Satisfactory	FALSE
39	Tikira U/s	3927	04.09.2019	3:50	29	7.7	7.2	0.8	5.8	1100	270	Satisfactory	FALSE
40	Tikira D/s	3928	04.09.2019	1:20	28	7.6	7.4	0.7	5.8	1700	330	Satisfactory	FALSE
41	Bangurusingada jhor	3931	05.09.2019	10:45	29	7.9	6.8	0.5	7.8	790	170	Satisfactory	FALSE

River system : Budhabalanga

September, 2019

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature ($^{\circ}$ 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	06.09.2019	1:10	27	7.2	6	1	9.7	2200	790	Satisfactory	FALSE
2	Balasure U/s	3943	06.09.2019	11:30	27	7.1	6.8	0.4	5.8	1700	790	Satisfactory	FALSE
3	Balasure D/s	2424	06.09.2019	4:40	25	6.9	5.6	1.5	13.6	3500	1100	Satisfactory	FALSE
4	Hatiagond (Sona)	3942	06.09.2019	10:00	27	7	7.2	0.6	5.8	1400	490	Satisfactory	FALSE

River system : Vansadhara

September, 2019

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature ($^{\circ}$ 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	16.09.2019	3:20	24	7.3	7.4	1.9	20.9	2200	490	Satisfactory	FALSE
2	Gunupur	2426	16.09.2019	4:30	25	7.4	7.7	1.3	13.3	3500	790	Satisfactory	FALSE

River system : Subarnarekha

September, 2019

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature ($^{\circ}$ 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	06.09.2019	3:00	27	7	7.6	0.5	5.8	1100	170	Satisfactory	FALSE

River system : Nagavali

September, 2019

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature ($^{\circ}$ 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	16.09.2019	11:50	24	7.5	7.2	1.3	13.3	3500	1300	Satisfactory	FALSE
2	Jaykaypur D/s	1642	16.09.2019	9:15	21	7.7	6.4	1.8	17.1	3500	2400	Satisfactory	FALSE
3	Rayagada D/s	1643	16.09.2019	7:30	21	7.4	7.2	1.9	17.1	3500	1300	Satisfactory	FALSE

River system : Kolab

September, 2019

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature ($^{\circ}$ 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	16.09.2019	1:44	23	7.4	7.2	1.4	13.3	790	220	Satisfactory	FALSE

River system : Indravati

September, 2019

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	16.09.2019	11:24	29	7.4	6.4	0.5	7.6	330	20	Satisfactory	FALSE

River system : Bahuda

September, 2019

Sl. No.	Name of Station	Code	Sampling date	Sampling Time	Water Temperature (^o 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 Damodarally	3949	05.09.2019	11:00	21	6.9	7.5	2.2	21.4	1400	490	Satisfactory	FALSE

September, 2019

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
SEA										
Gopalpur sea	2441	06.09.2019	9:30	21	8	6.5	0.6	48.5	13	1.8
Swargadwara (Puri)	2439	25.09.2019	5:35	28	7.3	6.5	0.4	46.7	920	350
Pardeep sea	2440	05.09.2019	4:30	32.2	8.1	6	0.5	58.3	140	1.8

September, 2019

LAKES											
Name of Lake	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
Anshupa	Kadalibari	2438	05.09.2019	2:10	30	7.3	5.4	1.9	13.5	2200	400
	Bishnupur	3956	05.09.2019	1:15	29	6.9	5.2	0.6	7.7	3500	790
	Subarnapur	3955	05.09.2019	1:45	30	6.9	5.6	1.7	11.6	2800	400
	Sarandagarh	3957	05.09.2019	1:30	29	6.9	6.4	0.6	7.7	1700	340
Chilka	Rambha	3953	06.09.2019	11:00	20	7.7	6.5	1.3	29.1	220	78
	Satapada	2437	25.09.2019	2:45	27.5	7.5	6.7	1.2	11.2	3500	1700
Tampara	Tampara lake	3954	06.09.2019	9:00	20	7.9	6	5.9	36.9	1300	270

September, 2019

CREEK											
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	
Atharaban ki creek	Atharabanki creek	3961	05.09.2019	4:15	32.6	7.3	5.2	3.8	38.8	940	460

September, 2019

CANALS											
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	
Taladanda canal	Jobra	2438	07.09.2019	12:00	28	7.2	7.2	1.8	11.6	3500	1100
	Ranihat	3950	06.09.2019	11:40	28	7.5	7.2	2.1	21.2	4300	2200
	Chhatrabazar	3951	07.09.2019	11:20	27	7.7	5.4	1.5	11.6	5400	3500
	Nuabazar	2429	07.09.2019	11:06	28	7.7	6.4	1.8	17.4	2800	1700
	Biribati	3952	07.09.2019	10:40	28	7.4	6.2	2.3	23.2	1400	490
	Atharabanki	2430	05.09.2019	10:30	32.2	7	5.2	2.4	23.3	1700	330
Puri canal	Hansapal	3958	12.09.2019	9:10	28	7.4	6.2	0.9	7.7	3500	1300
	Jagannathpur	3959	12.09.2019	12:10	28	7.4	6	1.1	9.7	2400	790
	Chandanpur	3960	25.09.2019	11:30	28	7.6	6.2	0.6	7.5	1400	460

September, 2019

PONDS										
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
Binduasagar pond(Bhubaneswar)										
Lingaraj temple side	2431	06.09.2019	2:55	26.6	7.3	6.5	2.6	23.2	22000	2700
Ananta Vasudeva temple side		06.09.2019	2:10	26.8	7.1	5.8	2.8	23.2	14000	1700
Gyananagar side		06.09.2019	2:35	26.5	7.2	5.6	2.9	27	54000	17000
Kedarnath Research Centre side		06.09.2019	1:50	26.7	7.1	6.6	1.8	11.6	54000	22000
Ponds in Puri										
Narendra	2432	26.09.2019	9:10	29	7.5	2.4	5.2	37.4	16000	16000
Markanda	2433	26.09.2019	9:35	29	7.6	5	3.2	13.1	16000	16000
Indradyumna	2434	26.09.2019	8:50	29.5	7.5	2.2	3.3	16.8	16000	16000
Swetaganga	2435	26.09.2019	7:25	27	7.5	2	4.6	24.3	16000	1300

Parbathisagar	2436	25.09.2019	4:50	29.5	7.8	2.4	4.5	37.4	16000	16000
Pond in Angul										
Raniguda pond	3963	04.09.2019	3:20	26	7.4	6.6	3.2	23.3	1100	330
Pond in Jeypore										
Jagannathsagar Pond	3962	16.09.2019	12:30	27	7.3	6.9	1.4	15.2	790	110