

Ground Water Quality Status (Tube well) (2023)

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO ₃ , mg/L	Total Hardness as CaCO ₃ , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH ₄ -N, mg/L
1. District: ANGUL (9 stations)																
Angul (2 stations)																
1. Angul Township (20.838611 N, 85.098333 E)	April	6.8	1056	< 1.0	7.4	7.8	NA	NA	380	424	43.29	76.79	119.9	88.89	4.053	1.12
	Oct	7.4	1015	< 1.0	7.9	2.1	664	588	272	400	137.88	13.61	169.9	77.72	13.907	<0.4
2. NALCO township (20.8425 N, 85.148611 E)	April	7.2	490	< 1.0	7.4	7.3	NA	NA	204	248	56.11	26.24	16.0	31.73	67.372	0.56
	Oct	8.1	600	< 1.0	7.9	18	348	320	220	232	72.14	12.64	26.0	61.36	< 1.329	<0.4
Talcher (7 stations)																
3. Mahanadi Coal Field Area (20.950278 N, 85.192222 E)	April	6.6	442	< 1.0	7.4	19.0	NA	NA	104	160	46.49	10.69	50.0	53.58	2.497	1.12
	Oct	6.9	455	< 1.0	7.9	39.0	268	248	120	168	54.51	7.78	28.0	64.32	11.943	<0.4
4. Kaniha (21.08 N, 85.078333 E)	April	7.1	405	< 1.0	7.4	2.6	NA	NA	208	208	46.49	22.36	14.0	9.14	11.402	0.56
	Oct	7.7	610	< 1.0	7.9	4.3	356	320	288	252	88.18	7.78	18.0	27.63	< 1.329	<0.4
5. Talcher town (20.9325 N, 85.200556 E)	April	6.5	256	< 1.0	7.4	14.0	NA	NA	84	80	24.05	4.86	20.0	22.04	11.366	<0.4
	Oct	6.9	427	< 1.0	7.9	4.2	296	280	124	136	36.87	10.69	70.0	33.09	3.006	<0.4
6. Meramundali Area (20.802778 N, 85.304444 E)	April	7.1	1302	< 1.0	7.4	2.7	NA	NA	472	568	142.68	51.52	129.9	120.37	1.343	0.56
	Oct	7.3	1371	< 1.0	7.9	1.6	796	748	476	660	80.16	111.78	129.9	139.99	5.643	<0.4
7. Talcher Thermal Area (20.904444 N, 85.217222 E)	April	7.1	867	< 1.0	7.4	2.4	NA	NA	228	188	41.68	20.41	109.9	71.61	3.251	1.12
	Oct	7.4	762	< 1.0	7.9	8.1	468	448	296	340	88.18	29.16	60.0	58.63	< 1.329	<0.4
8. Banarpal (20.8425 N, 85.214722 E)	April	7.2	874	< 1.0	7.4	2.5	NA	NA	148	332	89.78	26.24	139.9	127.78	31.277	0.56
	Oct	7.1	1313	< 1.0	7.9	2.7	760	740	300	484	165.13	17.50	159.9	146.35	14.909	<0.4
9. Kulad (20.838333 N, 85.166944 E)	April	6.9	1019	< 1.0	7.4	3.9	NA	NA	268	344	73.75	38.88	149.9	112.97	30.873	0.56
	Oct	7.1	2230	< 1.0	7.9	170	1488	1468	372	1200	208.42	165.24	649.7	120.90	< 1.329	<0.4
Drinking water specification (IS : 10500 (2012))																
Acceptable Limit		6.5-8.5	-	-	-	1	500	-	200	200	75	30	250	200	45	0.5
Permissible limit		No relax	-	-	-	5	2000	-	600	600	200	100	1000	400	No relax	No relax

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2. District : BALASORE (3 stations)																
10. Naigopalpur (21.577778 N, 86.832222 E)	April	7.1	263	< 1.0	7.2	1.2	NA	NA	64	52	12.83	4.86	36.0	19.88	2.860	1.12
	Oct	7.5	280	< 1.0	7.8	12.0	168	148	36	60	16.03	4.86	70.0	9.91	< 1.329	<0.4
11. Kuanrpur (21.573481 N, 86.8442 E)	April	7.6	262	< 1.0	7.2	2.4	NA	NA	60	72	22.44	3.89	46.0	21.61	1.567	1.12
	Oct	7.5	186	< 1.0	7.8	5.6	112	96	48	52	14.43	3.89	22.0	7.36	< 1.329	<0.4
12. Chakulia (21.5675 N, 86.844722 E)	April	6.6	335	< 1.0	7.2	1.3	NA	NA	88	100	24.05	9.72	38.0	33.95	5.285	0.56
	Oct	6.6	510	< 1.0	7.8	1.4	340	304	192	180	44.89	16.52	60.0	37.63	4.986	<0.4
3. District : BHADRAK (2 Stations)																
13. District Head Quarter Hospital Premises, Bhadrak (21.065464 N, 86.502608 E)	April	7.2	543	< 1.0	7.2	5.2	NA	NA	208	164	48.10	10.69	58.0	23.33	<1.329	0.56
	Oct	7.2	402	< 1.0	7.8	9.6	232	208	184	184	52.91	12.64	8.0	29.00	< 1.329	<0.4
14. Salandi Hospital Premises, Bhadrak (21.070497 N, 86.496453E)	April	7.1	355	< 1.0	7.2	1.3	NA	NA	196	160	19.24	27.22	18.0	7.16	6.533	1.12
	Oct	7.2	520	< 1.0	7.8	1.7	308	288	260	240	32.06	38.88	24.0	26.85	1.355	<0.4
4. District : BARGARH (2 stations)																
15. Near Bargarh Govt. Hospital, Bargarh (21.335114 N, 83.616478 E)	April	6.7	409	1.1	7.4	7.6	NA	NA	84	196	40.08	23.33	38.0	45.43	78.870	0.56
	Oct	6.9	812	< 1.0	7.5	2.5	472	448	236	248	60.92	23.33	90.0	60.36	42.395	<0.4
16. Near Ganapati Hotel, Bargarh (21.349475 N, 83.642628 E)	April	6.8	545	1.1	7.4	1.4	NA	NA	144	244	64.13	20.41	40.0	61.48	90.439	0.56
	Oct	6.9	1163	< 1.0	7.5	20.0	788	768	208	456	144.29	23.33	299.9	69.08	38.948	<0.4

NA –Not Analysed

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5. District : BALANGIR (2 stations)																
17. Balangir Medical College, Balangir (20.704831 N, 83.452628 E)	April	7.4	1130	< 1.0	7.3	4.2	NA	NA	280	256	67.33	21.38	219.9	61.24	37.079	0.56
	Oct	7.7	1302	< 1.0	7.5	5.2	824	800	380	456	144.29	23.33	199.9	95.90	15.462	<0.4
18. Sudapada Post Office, Balangir (20.7077 N, 83.497211 E)	April	7.5	990	< 1.0	7.3	12.0	NA	NA	128	304	72.14	30.13	239.9	67.29	28.552	0.56
	Oct	7.6	1700	< 1.0	7.5	5.9	1012	960	380	640	208.42	29.16	299.9	127.71	13.018	<0.4
6. District : BOUDH (2 stations)																
19. Near Town Girls Primary School, Boudh (20.835728 N, 84.326325 E)	Apr	7.4	1837	< 1.0	7.3	1.4	NA	NA	480	460	41.68	86.51	439.8	23.70	5.830	1.12
	Oct	8.0	1210	< 1.0	7.5	6.4	716	696	476	444	144.29	20.41	90.0	86.81	1.763	<0.4
20. Butupali Chowk, Boudh (20.823619 N, 84.314531 E)	Apr	7.2	732	1.4	11.0	3.3	NA	NA	124	328	96.19	21.38	179.9	12.22	47.013	0.56
	Oct	7.6	1120	< 1.0	7.5	4.9	648	624	272	484	176.35	10.69	179.9	59.45	26.284	<0.4
7. District : CUTTACK (5 stations)																
21. Jagatpur (20.488889 N, 85.929722 E)	Apr	6.8	425	< 1.0	7.4	15.0	NA	NA	160	140	40.08	9.72	48.0	9.88	16.279	1.12
	Oct	7.1	525	< 1.0	7.3	2.7	316	292	152	172	57.72	6.80	60.0	44.90	4.144	<0.4
22. Mangalabag (20.473889 N, 85.888056 E)	Apr	6.9	325	< 1.0	7.4	6.9	NA	NA	176	148	41.68	10.69	12.0	10.00	<1.329	0.56
	Oct	7.1	310	< 1.0	7.3	4.5	188	164	156	132	38.48	8.75	12.0	10.36	< 1.329	<0.4
23. Madhupatna-Kalyan Nagar Area (20.448611 N, 85.902778 E)	Apr	6.8	248	< 1.0	7.4	6.4	NA	NA	116	96	27.25	6.80	16.0	8.52	<1.329	0.56
	Oct	7.1	321	1.7	11.0	12.0	196	160	124	108	33.67	5.83	28.0	15.54	< 1.329	<0.4
24. Badambadi Area (20.458611 N, 85.880556 E)	Apr	7.4	360	< 1.0	7.4	5.0	NA	NA	236	200	48.10	19.44	12.0	6.91	<1.329	0.56
	Oct	7.1	320	1.7	11.0	6.2	200	180	156	116	35.27	6.80	22.0	6.27	1.847	<0.4

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25. Bidanasi-Tulsipur Area (20.485278 N 85.784444 E)	Apr	6.6	405	< 1.0	7.4	3.8	NA	NA	96	112	32.06	7.78	90.0	18.27	<1.329	0.56
	Oct	7.2	195	1.2	7.3	3.0	112	92	76	72	19.24	5.83	10.0	8.09	<1.329	<0.4
8. District : DHENKANAL (2 Stations)																
26. Dhenkanal Daily Market (20.652689 N 85.5939 E)	Apr	6.8	430	< 1.0	7.4	6.2	NA	NA	172	160	41.68	13.61	34.0	24.32	2.421	0.56
	Oct	7.1	460	< 1.0	7.9	2.6	280	260	176	156	48.10	8.75	36.0	28.36	1.723	<0.4
27. Gajaman UP School, Dhenkanal (20.594847 N, 85.594847 E)	Apr	6.6	1213	< 1.0	7.4	30.0	NA	NA	240	284	76.95	22.36	249.9	76.55	30.099	0.56
	Oct	Not Monitored														
9. District : DEOGARH (2 stations)																
28. Govt. Medical Premises, Deogarh (21.534673 N, 84.730024 E)	May	6.9	380	< 1.0	8.0	1.80	240	216.0	116	136	35.27	11.66	58	17.16	18.899	1.12
	Oct	6.8	510	< 1.0	8.0	1.8	296	260	144	172	59.32	5.83	60.0	37.09	< 1.329	<0.4
29. Collector Office Premises, Deogarh (21.540146 N, 84.738194 E)	May	6.8	210	< 1.0	8.0	6.90	132	112.0	80	84	24.05	5.83	17.4	15.93	< 1.329	0.56
	Oct	6.9	300	< 1.0	8.0	1.2	192	164	120	112	33.67	6.80	26.0	17.18	< 1.329	<0.4
10. District : GAJAPATI (2 stations)																
30. Near Municipal Solid Waste Dumpsite, Kellysahi (18.779461 N, 84.087447 E)	April	7.9	1281	< 1.0	7.1	6.7	NA	NA	188	540	67.33	90.40	359.9	88.89	94.041	1.12
	Oct	8.1	1760	< 1.0	7.4	5.8	1028	988	524	420	120.24	29.16	239.9	89.99	29.891	<0.4
31. Inside the premises of DHH, Paralakhemundi (18.771472 N, 84.096867 E)	April	6.9	796	1.5	11.0	13.0	NA	NA	160	236	52.91	25.27	149.9	25.31	89.533	1.68
	Oct	6.9	867	< 1.0	7.4	70.0	532	504	164	304	97.80	14.58	139.9	95.90	27.486	<0.4

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11. District : GANJAM (4 stations)																
BERHAMPUR																
32. Near Railway station (19.296394N, 84.796825 E)	Apr	7.5	717	< 1.0	7.2	3.0	NA	NA	208	140	36.87	11.66	100.0	37.90	5.858	0.56
	Oct	7.6	722	< 1.0	7.4	5.5	424	400	224	200	57.72	13.61	60.0	67.27	15.943	<0.4
33. MKCG Medical College (19.312522 N, 84.81025 E)	Apr	8.1	833	< 1.0	7.2	1.1	NA	NA	220	160	40.08	14.58	139.9	44.20	1.799	1.12
	Oct	7.9	825	1.8	11.0	8.6	516	492	272	248	38.48	36.94	90.0	88.63	8.024	<0.4
34. Bus stand (19.312628 N, 84.802431 E)	Apr	7.5	1126	< 1.0	7.2	15.0	NA	NA	180	340	96.19	24.30	399.8	48.64	71.820	1.12
	Oct	7.7	940	1.3	7.4	37.0	568	548	344	236	51.30	26.24	119.9	36.54	1.619	<0.4
35. Badabazar (19.317317 N, 84.773611 E)	Apr	7.3	1423	< 1.0	7.2	1.5	NA	NA	216	520	112.22	58.32	379.8	59.51	31.752	0.56
	Oct	7.5	1227	< 1.0	7.4	1.5	760	740	216	316	112.22	8.75	259.9	85.90	18.228	<0.4
12. District : JAGATSINGHPUR (2 stations)																
PARADEEP																
36. Musadiha (20.320556 N, 86.663333 E)	Apr	8.4	2908	1.9	22.0	1.3	NA	NA	180	240	64.13	19.44	999.5	18.15	4.670	0.56
	Oct	7.4	5190	1.7	11.0	11.0	2992	2888	260	468	128.26	35.96	1599.2	89.08	8.529	<0.4
37. Badapadia (20.266389 N, 86.658889 E)	Apr	8.4	2450	1.4	22.0	1.3	NA	NA	400	120	16.03	19.44	999.5	5.81	6.642	0.56
	Oct	8.0	1403	1.1	11.0	2.0	860	832	428	164	51.30	8.75	259.9	6.45	2.445	<0.4
13. District : JAJPUR (4 stations)																
SUKINDA																
38. TISCO (21.027778 N, 85.746667 E)	April	6.9	297	1.3	15.0	2.0	NA	NA	116	140	48.10	4.86	22.0	14.07	14.052	0.56
	Oct	7.1	840	< 1.0	7.3	9.7	488	428	216	244	64.13	20.41	80.0	95.90	8.056	<0.4
39. Saruabil (21.057778 N, 85.811111 E)	April	6.5	232	0.6	7.4	5.1	NA	NA	84	84	19.24	8.75	22.0	9.51	12.474	0.56
	Oct	6.9	237	< 1.0	7.3	6.3	140	124	92	84	17.64	9.72	14.0	15.23	2.902	<0.4
40. Kaliapani (21.041389N, 85.770833 E)	April	6.4	203	1.7	11.0	15.0	NA	NA	88	88	22.44	7.78	12.0	13.09	1.412	0.56
	Oct	6.8	220	< 1.0	7.3	150.0	128	116	100	100	14.43	15.55	14.0	8.54	1.387	<0.4
41. Kamarda (21.063889 N, 85.845556 E)	April	6.9	237	1.6	15.0	14.0	NA	NA	116	112	28.86	9.72	12.0	11.61	2.984	0.56
	Oct	7.1	228	< 1.0	7.3	9.8	140	120	108	116	19.24	16.52	16.0	6.00	7.928	<0.4

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14. District : JHARSUGUDA (8 stations)																
42.Thelkoloi (21.752186 N, 84.038278 E)	May	6.3	196	1.3	7.7	150.0	128	116.0	76	72	22.44	3.89	23.1	5.63	<1.329	1.12
	Nov	5.8	490	1.6	11.0	3.4	336	308	92	140	38.48	10.69	119.9	38.20	2.626	< 0.4
43.Bhurkha Munda (21.813611 N, 84.024444 E)	April	7.5	175	1.3	7.2	1.8	NA	NA	48	48	16.03	1.94	22.0	6.05	22.838	1.12
	Oct	7.3	184	1.1	8.0	6.1	112	100	56	48	16.03	1.94	20.0	7.64	4.232	<0.4
44. Badamal Industrial Estate (21.817778 N, 83.996944 E)	April	7.1	111	< 1.0	7.2	20.0	NA	NA	44	32	9.62	1.94	10.0	6.17	1.334	1.12
	Oct	7.3	125	1.6	8.0	120.0	72	60	36	28	8.02	1.94	10.0	8.36	< 1.329	<0.4
45. Budhipadar (21.860833 N, 83.9625 E)	April	6.5	137	< 1.0	7.2	12.0	NA	NA	40	40	12.83	1.94	16.0	6.67	13.133	0.56
	Oct	6.9	176	1.2	8.0	17.0	108	96	36	40	11.22	2.92	30.0	7.37	2.830	<0.4
46. Brajarajnagar Mining Belt (21.855 N, 83.920833 E)	April	5.7	83	< 1.0	7.2	11.0	NA	NA	16	32	9.62	1.94	10.0	6.54	14.135	0.56
	Oct	5.9	166	1.2	8.0	7.7	96	84	8	36	11.22	1.94	36.0	8.27	8.200	<0.4
47.Rampur (water tank) (21.79 N, 84.003333 E)	April	6.6	288	< 1.0	7.2	16.0	NA	NA	120	76	17.64	7.78	22.0	5.80	2.191	1.12
	Oct	7.8	325	1.3	8.0	16.0	192	172	136	100	24.05	9.72	22.0	7.45	< 1.329	<0.4
48. Ib thermal power station (21.688333 N, 83.863056 E)	April	5.9	120	< 1.0	7.2	25.0	NA	NA	36	28	8.02	1.94	14.0	6.79	<1.329	0.56
	Oct	7.5	315	1.7	8.0	28.0	184	160	152	128	35.27	9.72	12.0	9.64	< 1.329	<0.4
49.Belpahar Area (21.825278 N, 83.848889 E)	April	6.3	108	< 1.0	7.2	1.3	NA	NA	28	40	12.83	1.94	14.0	6.54	<1.329	1.12
	Oct	7.8	189	< 1.0	8.0	2.5	116	100	44	76	24.05	3.89	14.0	30.54	< 1.329	<0.4

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15. District : KALAHANDI (2 stations)																
50. Goshalpada Colony, Ward No. 7, Bhawanipatna (19.921667 N, 83.154722 E)	April	7.1	1235	1.6	11.0	1.9	NA	NA	248	424	131.46	23.33	239.9	54.57	52.920	1.12
	Oct	7.5	810	< 1.0	7.4	17.0	512	492	260	324	97.80	19.44	149.9	23.03	1.804	<0.4
51. Sitabudipara Irrigation Colony Ward No. 17, Bhawanipatna (19.915833 N, 83.181667 E)	April	7.2	365	< 1.0	7.1	2.5	NA	NA	168	144	22.44	21.38	24.0	21.24	<1.329	0.56
	Oct	7.4	1412	< 1.0	7.4	9.0	820	792	324	508	168.34	21.38	189.9	141.80	25.081	<0.4

16. District : KEONJHAR (5 stations)																
52. Joda East Iron Ore Mines (22.023889 N, 85.431111 E)	April	6.9	158	< 1.0	7.4	1.2	NA	NA	72	64	19.24	3.89	8.0	10.12	2.256	<0.4
	Oct	7.4	102	< 1.0	7.8	2.5	60	44	24	36	11.22	1.94	6.0	12.09	< 1.329	<0.4
53. Joda West Mn Mines of M/s Tata Steel Ltd. (21.990556 N, 85.398472 E)	April	6.9	118	< 1.0	7.4	1.8	NA	NA	32	48	14.43	2.92	12.0	7.65	13.485	<0.4
	Oct	7.4	87	< 1.0	7.8	3.8	56	48	24	28	8.02	1.94	8.0	8.36	2.156	<0.4
54. Balda Block Iron ore mines of M/s Sirajuddin (21.877219 N, 85.408561 E)	April	5.8	58	< 1.0	7.4	3.4	NA	NA	16	20	4.81	1.94	8.0	6.67	1.637	0.56
	Oct	5.9	80	< 1.0	7.8	2.5	60	48	20	32	6.41	3.89	12.0	11.55	1.852	<0.4
55. Roida-II Iron ore mines of M/s K.N. Ram and Co (22.039497 N, 85.369317 E)	April	5.7	94	< 1.0	7.4	1.1	NA	NA	32	44	12.83	2.92	12.0	6.98	12.94	0.56
	Oct	6.2	88	< 1.0	7.8	1.2	64	52	24	36	9.62	2.92	8.0	13.91	1.619	<0.4
56. Thakurani Iron ore mines of M/s Kaypee Enterprises (22.110639 N, 85.429278 E)	April	5.9	71	< 1.0	7.4	1.2	NA	NA	32	40	11.22	2.92	8.0	7.28	7.367	0.56
	Oct	5.7	80	< 1.0	7.8	1.4	60	48	20	32	8.02	2.92	8.0	16.00	1.723	<0.4

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO ₃ , mg/L	Total Hardness as CaCO ₃ , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH ₄ -N, mg/L
17. District : KENDRAPARA (2 stations)																
57. Court Chhack, Kendrapada (20.5025 N, 86.424722 E)	April	7.7	821	1.3	7.2	1.2	NA	NA	216	172	59.32	5.83	159.9	20.37	1.508	1.12
	Oct	7.4	720	< 1.0	7.4	60.0	440	420	224	240	72.14	14.58	129.9	15.00	< 1.329	< 0.4
58. Hazaribagicha (20.51 N, 86.430556 E)	April	8.0	733	< 1.0	7.2	2.2	NA	NA	144	120	16.03	19.44	169.9	9.75	1.530	< 0.4
	Oct	7.6	785	< 1.0	7.4	19.0	452	424	256	208	64.13	11.66	119.9	9.00	< 1.329	< 0.4
18. District : KHORDHA (6 stations)																
BHUBANESWAR																
59. Khandagiri Area (20.258611 N, 85.789444 E)	April	5.9	265	1.2	11.0	24.0	NA	NA	64	120	36.87	6.80	30.0	22.10	34.144	< 0.4
	Oct	5.4	208	< 1.0	7.9	20.0	136	124	60	108	32.06	6.80	28.0	18.00	5.996	< 0.4
60. Old town-Samantarapur Area (20.228333 N, 85.840833 E)	April	7.2	714	< 1.0	7.4	7.8	NA	NA	320	300	81.76	23.33	46.0	22.96	9.566	1.68
	Oct	6.9	467	< 1.0	7.9	3.6	284	264	184	192	48.10	17.50	42.0	21.91	< 1.329	< 0.4
61. Kalpana-Laxmisagar Area (20.268333, N 85.855 E)	April	6.0	261	< 1.0	7.4	25.0	NA	NA	80	92	22.44	8.75	54.0	19.26	15.797	< 0.4
	Oct	6.1	350	< 1.0	7.9	3.3	208	184	40	44	14.43	1.94	60.0	28.27	2.076	< 0.4
62. Chandrasekharpur (20.310278 N, 85.833889 E)	April	5.7	358	< 1.0	7.4	4.3	NA	NA	124	96	24.05	8.75	46.0	8.52	10.398	0.56
	Oct	6.3	117	< 1.0	7.9	1.2	68	56	24	40	12.83	1.94	10.0	11.18	2.493	< 0.4
63. Capital Hospital Area (20.261944 N, 85.821389 E)	April	6.7	263	< 1.0	7.4	5.5	NA	NA	88	80	20.84	6.80	48.0	6.12	15.031	1.12
	Oct	6.5	230	< 1.0	7.9	130.0	144	132	60	60	19.24	2.92	34.0	11.73	< 1.329	< 0.4
64. Secretariate Governor House-Old bus stand Area (20.266944 N, 85.818889 E)	April	6.3	338	< 1.0	7.4	11.0	NA	NA	96	100	27.25	7.78	36.0	22.10	18.255	< 0.4
	Oct	6.5	360	< 1.0	7.9	8.3	216	188	116	120	38.48	5.83	30.0	27.82	2.236	< 0.4

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO ₃ , mg/L	Total Hardness as CaCO ₃ , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH ₄ -N, mg/L
19. District : KORAPUT (2 stations)																
65. Jagannath Temple, Koraput (18.810556 N, 82.710278 E)	April	6.7	68	< 1.0	7.1	95.0	NA	NA	24	36	8.02	3.89	8.0	6.05	4.000	0.56
	Oct	7.3	65	1.6	8.0	55.0	48	40	20	20	4.81	1.94	10.0	5.36	< 1.329	<0.4
66. Bada Chindri, Koraput (18.8125 N, 82.728333 E)	April	5.9	281	< 1.0	7.1	7.5	NA	NA	56	112	25.65	11.66	38.0	9.26	71.512	0.56
	Oct	6.1	497	1.4	8.0	12.0	292	256	56	196	52.91	15.55	129.9	10.18	21.450	<0.4
20. District : MAYURBHANJ (2 stations)																
67. Dhangidimula Village, Kusumi Block Office (22.08655 N, 86.113753 E)	April	6.8	161	1.2	7.2	25.0	NA	NA	76	52	12.83	4.86	10.0	6.61	2.440	1.12
	Oct	6.9	196	< 1.0	7.8	110.0	136	112	80	76	18.44	7.29	22.0	10.36	<1.329	<0.4
68. Dhangidimula Village, Sukribating Basti (22.093492 N, 86.110036 E)	April	6.7	213	1.8	14.0	2.3	NA	NA	80	80	19.24	7.78	16.0	7.28	22.153	1.12
	Oct	6.9	168	< 1.0	7.8	5.3	100	84	60	64	19.24	3.89	10.0	9.82	7.102	<0.4
21. District : MALKANGIRI (2 stations)																
69. MV 43, Malkanigiri (18.323333 N, 81.876111 E)	April	6.6	278	< 1.0	7.1	70.0	NA	NA	104	76	17.64	7.78	38.0	5.93	1.895	0.56
	Oct	6.6	280	1.7	8.0	32.0	168	148	72	72	24.05	2.92	32.0	23.82	8.264	<0.4
70. Tekbadi of Netaji nagar, Malkanigiri (18.353611 N, 81.884722 E)	April	7.4	612	< 1.0	7.1	27.0	NA	NA	192	212	60.92	14.58	119.9	18.03	16.140	0.56
	Oct	6.7	902	1.5	8.0	17.0	520	488	188	320	104.21	14.58	189.9	25.91	4.160	<0.4
22. District : NAWARANGPUR (2 stations)																
71. Tota guda, Nawarangpur (19.248056 N, 82.543333 E)	April	6.1	81	< 1.0	7.1	8.9	NA	NA	32	40	12.83	1.94	12.0	6.30	13.555	0.56
	Oct	6.8	125	1.5	8.0	26.0	76	60	44	44	14.43	1.94	6.0	11.64	2.573	<0.4
72. Gabraliguda, Nawarangpur (19.241667 N, 82.538056 E)	April	6.1	535	< 1.0	7.1	9.3	NA	NA	92	224	62.52	16.52	109.9	36.79	61.271	0.56
	Oct	6.2	510	1.6	8.0	6.4	312	292	96	196	52.91	15.55	119.9	14.36	16.080	<0.4

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO ₃ , mg/L	Total Hardness as CaCO ₃ , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH ₄ -N, mg/L
23. District : NAYAGARH (2 stations)																
73. Near Solid Waste dumpsite, Nayagarh (20.123133 N, 85.103842 E)	Apr	7.4	1320	1.1	7.2	1.2	NA	NA	248	400	96.19	38.88	279.9	70.99	9.608	1.12
	Oct	7.3	1002	< 1.0	7.4	8.0	604	584	312	348	99.40	24.30	119.9	76.81	24.119	<0.4
74. Inside District Medical campus, Nayagarh (20.126944 N, 85.106389 E)	Apr	7.5	1602	< 1.0	7.2	1.3	NA	NA	236	440	96.19	48.60	359.8	99.39	8.879	0.56
	Oct	7.6	1572	1.3	11.0	8.3	1168	1028	472	640	80.16	106.92	299.9	175.44	23.520	<0.4
24. District : NUAPADA (2 stations)																
75. Nuapada Govt. Hospital, Nuapada (20.805833 N, 82.533611 E)	Apr	7.2	588	< 1.0	7.3	1.2	NA	NA	116	216	51.30	21.38	100.0	49.63	23.172	0.56
	Oct	7.6	820	< 1.0	7.9	14.0	484	428	320	328	19.24	68.04	109.9	20.54	18.677	<0.4
76. Nilasaila nagar, Nuapada (20.799722 N, 82.534722 E)	Apr	6.9	511	< 1.0	7.3	80.0	NA	NA	68	164	49.70	9.72	109.9	27.04	38.292	0.56
	Oct	7.4	540	< 1.0	7.5	140.0	328	316	116	208	67.33	9.72	90.0	52.54	7.719	<0.4
25. District : KANDHAMAL (2 stations)																
77. Solid Waste Management site, Phulbani (20.488169 N, 84.221928 E)	April	7.1	497	< 1.0	7.2	5.2	NA	NA	164	140	32.06	14.58	60.0	52.84	4.543	1.12
	Oct	7.4	380	1.4	7.4	60.0	240	228	116	100	32.06	4.86	50.0	25.54	1.635	<0.4
78. District Head Quarter Hospital, Phulbani (20.485736 N, 84.224717 E)	April	7.2	345	1.6	11.0	10.0	NA	NA	76	124	33.67	9.72	40.0	35.25	76.479	<0.4
	Oct	7.1	321	1.7	11.0	14.0	188	168	100	108	30.46	7.78	22.0	36.72	6.437	<0.4

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO ₃ , mg/L	Total Hardness as CaCO ₃ , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH ₄ -N, mg/L
26. District : PURI (5 stations)																
79. Hospital-Bus stand Mausima temple area, Puri (19.816944 N, 85.838056 E)	April	8.2	345	< 1.0	7.4	9.5	NA	NA	80	56	14.43	4.86	54.0	25.93	6.488	0.56
	Oct	7.5	1035	1.6	7.9	15.0	644	604	396	316	88.18	23.33	139.9	21.36	4.313	<0.4
80. Near Jagannath Temple, Puri (19.804444 N, 85.819167 E)	April	7.9	803	< 1.0	11.0	12.0	NA	NA	260	304	35.27	52.49	159.9	75.93	1.878	0.56
	Oct	7.5	1243	1.5	7.9	120.0	740	704	320	332	64.13	41.80	209.9	72.27	1.611	<0.4
81. Near Sea Beach, Puri (19.793611 N, 85.793611 E)	April	6.7	4170	< 1.0	11.0	4.1	NA	NA	116	1980	312.62	291.60	1449.3	282.72	52.568	0.56
	Oct	7.8	1388	1.8	12.0	27.0	860	760	332	332	48.10	51.52	159.9	199.07	11.381	<0.4
82. Baliapanda, Puri (19.791667 N, 85.808333 E)	April	7.8	342	< 1.0	7.4	11.0	NA	NA	68	48	12.83	3.89	56.0	23.33	13.133	<0.4
	Oct	7.9	320	< 1.0	7.9	7.4	196	176	56	28	6.41	2.92	60.0	12.64	15.350	<0.4
83. Chakratirtha Road	April	8.3	850	1.4	19.0	5.5	NA	NA	352	480	64.13	77.76	119.9	27.66	13.793	0.56
	Oct	7.7	1010	1.6	7.9	20.0	620	520	332	240	56.11	24.30	149.9	29.45	1.739	<0.4
27. District : RAYAGADA (2 stations)																
84. Kasturinagar, Rayagada (19.1825 N, 83.416111 E)	April	6.9	257	< 1.0	7.1	2.4	NA	NA	52	104	32.06	5.83	20.0	24.07	71.767	0.56
	Oct	7.2	213	< 1.0	7.4	25.0	132	112	88	96	32.06	3.89	10.0	15.63	12.857	<0.4
85. Within the premises of Badelapulama Temple, Rayagada (19.160833 N, 83.409167 E)	April	6.5	312	< 1.0	7.1	2.2	NA	NA	100	140	36.87	11.66	28.0	16.79	53.940	0.56
	Oct	7.1	380	< 1.0	7.4	50.0	220	200	148	148	46.49	7.78	20.0	27.45	15.502	<0.4

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO ₃ , mg/L	Total Hardness as CaCO ₃ , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH ₄ -N, mg/L
28. District : SAMBALPUR (3 stations)																
86. Near Panthanivas, Sambalpur (21.460386 N, 83.979989 E)	April	6.7	410	< 1.0	7.4	3.6	NA	NA	76	92	27.25	5.83	60.0	31.85	28.289	0.56
	Oct	6.8	302	< 1.0	7.5	15.0	176	156	72	108	24.05	11.66	34.0	33.36	3.471	<0.4
87. Near Railway station, Sambalpur (21.482917 N, 83.960086 E)	April	7.2	861	< 1.0	7.4	1.6	NA	NA	168	228	70.54	12.64	129.9	98.77	52.533	0.56
	Oct	7.7	209	< 1.0	7.5	14.0	132	112	88	96	32.06	3.89	8.0	20.82	1.451	<0.4
88. Near VSS Medical College, Burla (21.500314 N, 83.885922 E)	April	7.4	553	< 1.0	7.4	6.9	NA	NA	200	176	43.29	16.52	50.0	34.20	3.242	0.56
	Oct	7.3	740	< 1.0	7.5	3.5	428	400	296	248	60.92	23.33	70.0	28.82	1.379	<0.4
29. District : SONEPUR (2 stations)																
89. District Head Quarter Hospital, Sonepur (20.84365 N, 83.906919 E)	April	7.6	807	< 1.0	7.3	2.2	NA	NA	220	192	48.10	17.50	159.9	16.79	41.334	0.56
	Oct	8.0	901	< 1.0	7.5	2.1	536	504	316	260	86.57	10.69	80.0	57.09	12.857	<0.4
90. Near Gundicha temple of Tentelghat, Sonepur (20.845244 N, 83.914717 E)	April	7.7	887	< 1.0	7.3	4.8	NA	NA	264	140	22.44	20.41	119.9	26.79	37.835	0.56
	Oct	8.1	1063	< 1.0	7.5	2.3	612	520	388	244	48.10	30.13	100.0	39.18	18.308	<0.4
30. District : SUNDARGARH (2 stations)																
91. DDM Office Premises, Koira (21.911955 N, 85.255445 E)	May	7.1	145	< 1.0	6.9	2.1	96	84.0	80	64	16.03	5.83	5.6	7.04	<1.329	1.68
	Oct	7.1	80	< 1.0	8.0	2.6	48	36	20	24	6.41	1.94	8.0	5.54	< 1.329	<0.4
92. Tensa Residential Area, Koira (21.871169 N, 85.161586 E)	May	7.1	223	< 1.0	6.9	18.0	128	112.0	72	92	30.46	3.89	23.1	9.51	<1.329	1.68
	Oct	7.3	305	< 1.0	8.0	29.0	180	160	160	140	35.27	12.64	10.0	7.45	< 1.329	<0.4
Drinking water specification (IS : 10500 (2012))																
Acceptable Limit		6.5-8.5	-	-	-	1	500	-	200	200	75	30	250	200	45	0.5
Permissible limit		No relax	-	-	-	5	2000	-	600	600	200	100	1000	400	No relax	No relax

Contd.

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
1. District : ANGUL																		
Angul (2 stations)																		
1. Angul Township (20.838611 N, 85.098333 E)	April	6.72	0.54	0.062	70.75	3.88	0.563	0.003	0.005	0.00062	0.0029	0.005	0.008	0.025	0.008	0.702	<1.8	<1.8
	Oct	NA	0.33	< 0.05	71.45	3.17	0.62	0.011	0.026	0.00077	NA	NA	NA	NA	NA	3.622	<1.8	<1.8
2. NALCO township (20.8425 N, 85.148611 E)	April	4.48	0.90	<0.05	11.75	2.40	< 0.5	0.004	0.01	0.00046	0.0020	0.005	0.010	0.015	0.223	0.662	<1.8	<1.8
	Oct	NA	1.14	0.061	24.08	3.55	0.58	0.010	0.019	0.00092	NA	NA	NA	NA	NA	0.045	<1.8	<1.8
Talcher (7 stations)																		
3. Mahanadi Coal Field Area (20.950278 N, 85.192222 E)	April	6.16	0.51	<0.05	28.79	1.37	< 0.5	0.006	0.01	0.00077	0.0013	0.010	0.008	0.005	0.085	0.777	<1.8	<1.8
	Oct	NA	0.14	< 0.05	21.62	1.26	< 0.5	0.009	0.017	0.00077	NA	NA	NA	NA	NA	5.772	<1.8	<1.8
4. Kaniha (21.08 N, 85.078333 E)	April	3.92	0.39	<0.05	14.71	1.08	< 0.5	<0.002	0.005	0.00031	0.0013	0.005	0.007	0.019	0.079	1.140	<1.8	<1.8
	Oct	NA	0.31	< 0.05	18.50	1.25	< 0.5	0.010	0.019	0.00077	NA	NA	NA	NA	NA	1.036	<1.8	<1.8
5. Talcher town (20.9325 N, 85.200556 E)	April	2.8	0.36	<0.05	16.22	16.95	< 0.5	0.003	0.008	0.00046	0.0013	0.008	0.016	0.020	0.423	0.689	<1.8	<1.8
	Oct	NA	0.23	< 0.05	40.25	17.95	< 0.5	0.015	0.031	0.00062	NA	NA	NA	NA	NA	2.892	<1.8	<1.8
6. Meramundali Area (20.802778 N, 85.304444 E)	April	3.36	0.74	<0.05	71.90	1.63	0.581	<0.002	0.005	0.00062	0.0021	0.005	0.008	0.025	0.046	0.951	<1.8	<1.8
	Oct	NA	0.81	0.070	32.10	1.53	0.58	0.014	0.026	0.00062	NA	NA	NA	NA	NA	0.599	<1.8	<1.8
7. Talcher Thermal Area (20.904444 N, 85.217222 E)	April	6.91	0.52	<0.05	103.15	11.50	< 0.5	0.004	0.006	0.00031	0.0010	0.002	0.006	0.006	0.104	0.538	<1.8	<1.8
	Oct	NA	0.90	< 0.05	19.68	14.40	0.60	0.015	0.029	0.00092	NA	NA	NA	NA	NA	1.735	<1.8	<1.8
8. Banarpal (20.8425 N, 85.214722 E)	April	3.92	0.29	0.083	62.55	5.81	< 0.5	<0.002	0.004	0.00077	0.0025	0.004	0.009	0.024	0.014	0.314	<1.8	<1.8
	Oct	NA	0.52	< 0.05	70.90	1.53	0.51	0.005	0.014	0.00062	NA	NA	NA	NA	NA	0.583	350	130
9. Kulad (20.838333 N, 85.166944 E)	April	4.48	1.22	0.084	101.60	12.35	< 0.5	<0.002	0.005	0.00031	0.0021	0.006	0.008	0.020	0.023	0.801	<1.8	<1.8
	Oct	NA	1.48	< 0.05	68.30	4.93	< 0.5	0.019	0.037	0.00077	NA	NA	NA	NA	NA	0.563	<1.8	<1.8
Drinking water specification (IS : 10500 (2012))																		
Acceptable Limit	-	1.0	-	-	-	-	0.5	-	0.05	0.001	0.003	0.05	0.01	0.02	5.0	1.0*	Absent	
Permissible limit	-	1.5	-	-	-	-	2.4**	-		No relax	No relax	1.5	No relax	No relax	15.0	No relax	No relax	

* IS : 10500 (2012) Amendment No. 1 dated 01.6.2015

** IS : 10500 (2012) Amendment No. 2 dated 02.9.2018

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
2. District : BALASORE (3 Stations)																		
10. Naigopalpur (21.577778 N,86.832222 E)	April	6.72	0.33	< 0.05	36.55	2.16	< 0.5	<0.002	0.004	0.00077	0.0008	0.002	0.004	0.014	0.002	1.573	<1.8	<1.8
	Oct	NA	0.16	0.051	29.57	8.01	< 0.5	0.007	0.014	0.00077	NA	NA	NA	NA	NA	0.890	<1.8	<1.8
11. Kuanrpur (21.573481 N,86.8442 E)	April	4.48	5.45	< 0.05	33.55	1.31	< 0.5	<0.002	0.005	0.00046	0.0023	0.002	0.003	0.007	0.010	0.339	<1.8	<1.8
	Oct	NA	4.84	0.199	17.87	1.45	< 0.5	0.015	0.029	0.00031	NA	NA	NA	NA	NA	0.412	<1.8	<1.8
12. Chakulia (21.5675 N,86.844722 E)	April	3.92	0.30	< 0.05	33.44	1.78	< 0.5	<0.002	0.005	0.00062	0.0013	0.004	0.005	0.011	0.020	0.401	540	49
	Oct	NA	0.12	< 0.05	50.25	1.35	< 0.5	0.014	0.028	0.00092	NA	NA	NA	NA	NA	0.679	<1.8	<1.8
3. District : BHADRAK (2 Stations)																		
13. District Head Quarter Hospital Premises, Bhadrak (21.065464 N,86.502608 E)	April	3.36	0.76	< 0.05	54.65	3.02	0.50	<0.002	0.006	0.00062	0.0011	0.004	0.011	0.007	0.007	1.618	<1.8	<1.8
	Oct	NA	0.62	< 0.05	8.42	1.01	0.58	0.010	0.019	0.00046	NA	NA	NA	NA	NA	0.317	<1.8	<1.8
14. Salandi Hospital Premises, Bhadrak (21.0704 97 N,86.496453E)	April	3.92	0.94	< 0.05	18.61	1.78	< 0.5	<0.002	0.008	0.00046	0.0016	0.003	0.010	0.007	0.003	0.558	<1.8	<1.8
	Oct	NA	0.79	< 0.05	20.40	2.42	0.53	0.007	0.012	0.00031	NA	NA	NA	NA	NA	0.518	<1.8	<1.8
4. District : BARGARH (2 stations)																		
15. Near Bargarh Govt. Hospital, Bargarh (21.335114 N, 83.616478 E)	April	5.6	0.47	< 0.05	15.48	1.66	< 0.5	0.003	0.006	0.00062	0.0017	0.003	0.007	0.017	0.023	3.310	<1.8	<1.8
	Oct	NA	0.42	< 0.05	76.15	2.19	< 0.5	0.018	0.028	0.00062	NA	NA	NA	NA	NA	0.225	<1.8	<1.8
16. Near Ganapati Hotel, Bargarh (21.349475 N,83.642628 E)	April	2.8	0.38	0.065	28.46	2.19	< 0.5	<0.002	0.005	0.00077	0.0021	0.003	0.006	0.018	0.005	1.160	<1.8	<1.8
	Oct	NA	0.25	0.054	107.45	4.70	< 0.5	0.024	0.030	0.00077	NA	NA	NA	NA	NA	6.625	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/100 ml	FC, MPN/100 ml
5. District : BALANGIR (2 stations)																		
17. Balangir Medical College, Balangir (20.704831 N,83.452628 E)	Apr	3.92	0.31	0.058	168.85	3.18	< 0.5	0.003	0.008	0.00062	0.0029	0.006	0.008	0.012	0.042	0.368	<1.8	<1.8
	Oct	NA	0.24	< 0.05	109.25	8.42	< 0.5	0.006	0.009	0.00077	NA	NA	NA	NA	NA	0.015	<1.8	<1.8
18. Sudapada Post Office, Balangir (20.7077 N,83.497211 E)	Apr	2.24	0.27	0.062	105.35	7.27	0.581	0.008	0.013	0.00077	0.0024	0.008	0.008	0.019	0.228	11.599	<1.8	<1.8
	Oct	NA	0.34	0.077	100.90	5.34	< 0.5	0.007	0.012	0.00077	NA	NA	NA	NA	NA	2.62	<1.8	<1.8
6. District : BOUDH (2 stations)																		
19. Near Town Girls Primary School, Boudh (20.835728 N,84.326325 E)	Apr	5.6	0.44	0.060	267.20	3.48	0.635	<0.002	0.005	0.00092	0.0022	0.004	0.005	0.015	0.021	0.289	<1.8	<1.8
	Oct	NA	0.81	0.079	75.80	5.71	< 0.5	0.009	0.013	0.00077	NA	NA	NA	NA	NA	0.87	>1600	>1600
20. Butupali Chowk, Boudh (20.823619 N,84.314531 E)	Apr	3.92	0.46	0.144	36.78	2.99	0.563	<0.002	0.004	0.00092	0.0028	0.005	0.009	0.019	0.036	0.563	<1.8	<1.8
	Oct	NA	0.27	0.121	35.53	1.02	< 0.5	0.016	0.028	0.00092	NA	NA	NA	NA	NA	0.21	<1.8	<1.8
7. District : CUTACK (5 stations)																		
21. Jagatpur (20.488889 N 85.929722 E)	Apr	7.84	0.34	0.068	40.10	2.06	< 0.5	0.004	0.01	0.00062	0.0007	0.008	0.010	0.017	0.033	4.839	<1.8	<1.8
	Oct	NA	0.21	< 0.05	41.85	2.13	< 0.5	0.010	0.018	0.00062	NA	NA	NA	NA	NA	1.185	<1.8	<1.8
22. Mangalabag (20.473889 N 85.888056 E)	Apr	1.68	0.30	0.079	12.67	3.18	0.563	0.003	0.012	0.00077	0.0015	0.002	0.009	0.008	0.030	2.867	<1.8	<1.8
	Oct	NA	0.14	< 0.05	12.72	3.08	< 0.5	0.012	0.022	0.00077	NA	NA	NA	NA	NA	0.030	<1.8	<1.8
23. Madhupatna-Kalyan Nagar Area (20.448611 N, 85.902778 E)	Apr	4.48	0.29	0.052	16.46	2.84	< 0.5	0.003	0.006	0.00062	0.0024	0.003	0.007	0.009	0.013	4.241	>1600	170
	Oct	NA	0.22	< 0.05	24.49	4.31	< 0.5	0.013	0.022	0.00077	NA	NA	NA	NA	NA	4.050	1600	1600
24. Badambadi Area (20.458611 N85.880556 E)	Apr	4.48	0.30	0.099	10.55	2.10	0.526	0.005	0.01	0.00046	<0.0005	0.002	0.009	0.009	0.003	4.998	<1.8	<1.8
	Oct	NA	0.12	< 0.05	23.08	2.19	< 0.5	0.008	0.015	0.00062	NA	NA	NA	NA	NA	0.050	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻⁻ P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
25. Bidanasi-Tulsipur Area (20.485278 N 85.784444 E)	Apr	3.92	0.31	0.111	50.30	9.89	< 0.5	<0.002	0.003	0.00062	0.0021	0.002	0.008	0.006	0.027	0.232	<1.8	<1.8
	Oct	NA	0.15	< 0.05	9.04	1.51	< 0.5	0.010	0.018	0.00062	NA	NA	NA	NA	NA	1.225	<1.8	<1.8
8. District : DHENKANAL (2 Stations)																		
26. Dhenkanal Daily Market (20.652689 N,85.5939 E)	April	2.8	0.36	0.069	26.36	1.62	< 0.5	<0.002	0.005	0.00077	0.0007	0.003	0.006	0.008	0.002	0.587	<1.8	<1.8
	Oct	NA	0.35	< 0.05	31.65	7.31	< 0.5	0.005	0.009	0.00062	NA	NA	NA	NA	NA	0.498	>1600	>1600
27. Gajaman UP School, Dhenkanal (20.594847 N,85.594847 E)	April	5.04	0.44	< 0.05	152.60	24.10	< 0.5	0.005	0.01	0.00031	0.0017	0.009	0.008	0.018	0.011	1.155	<1.8	<1.8
	Oct	Not Monitored																
9. District : DEOGARH (2 stations)																		
28. Govt. Medical Premises, Deogarh (21.534673 N, 84.730024 E)	May	5.04	0.423	< 0.05	36.2	2.52	0.71	<0.002	0.003	0.00092	<0.0005	0.003	0.008	0.009	0.002	0.049	<1.8	<1.8
	Oct	NA	0.18	0.058	34.09	2.69	0.52	0.015	0.030	0.00062	NA	NA	NA	NA	NA	2.490	>1600	330
29. Collector Office Premises, Deogarh (21.540146 N, 84.738194 E)	May	2.8	0.429	< 0.05	13.19	1.98	0.68	0.01	0.029	0.00077	0.0023	0.035	0.009	0.008	0.128	0.069	<1.8	<1.8
	Oct	NA	0.19	0.101	21.02	3.86	< 0.5	0.009	0.016	0.00062	NA	NA	NA	NA	NA	0.347	>1600	330
10. District : GAJAPATI (2 stations)																		
30. Near Municipal Solid Waste Dumpsite, Kellysahi (18.779461 N, 84.087447 E)	April	5.04	0.80	< 0.05	105.80	54.30	0.653	0.004	0.012	0.00062	0.0018	0.005	0.005	0.017	0.037	0.836	<1.8	<1.8
	Oct	NA	0.36	< 0.05	214.00	2.42	< 0.5	0.004	0.007	0.00077	NA	NA	NA	NA	NA	0.2	<1.8	<1.8
31. Inside the premises of DHH, Paralakhemundi (18.771472 N, 84.096867 E)	April	7.28	0.47	< 0.05	71.70	42.60	< 0.5	0.003	0.008	0.00077	0.0023	0.023	0.008	0.019	0.453	9.558	170	33
	Oct	NA	0.85	< 0.05	68.70	2.81	< 0.5	0.007	0.012	0.00077	NA	NA	NA	NA	NA	0.155	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
11. District : GANJAM (4 stations)																		
BERHAMPUR																		
32. Near Railway station (19.29639 N, 84.796825 E)	Apr	3.92	0.43	0.068	81.70	26.20	< 0.5	<0.002	0.006	0.00031	0.0009	0.006	0.014	0.011	0.041	0.777	<1.8	<1.8
	Oct	NA	0.28	0.084	56.85	25.30	< 0.5	0.004	0.007	0.00062	NA	NA	NA	NA	NA	0.72	<1.8	<1.8
33. MKCG Medical College (19.312522 N, 84.81025 E)	Apr	5.04	1.06	0.056	119.05	9.38	< 0.5	<0.002	0.004	0.00092	0.0012	0.007	0.012	0.015	0.015	0.553	<1.8	<1.8
	Oct	NA	0.40	0.053	85.65	4.25	< 0.5	0.009	0.012	0.00077	NA	NA	NA	NA	NA	0.95	<1.8	<1.8
34. Bus stand (19.312628 N, 84.802431 E)	Apr	5.88	0.76	0.105	215.50	4.06	< 0.5	0.008	0.014	0.00046	0.0017	0.005	0.015	0.012	0.078	11.399	<1.8	<1.8
	Oct	NA	0.54	0.097	120.00	1.94	< 0.5	0.010	0.016	0.00092	NA	NA	NA	NA	NA	3.755	<1.8	<1.8
35. Badabazar (19.317317 N, 84.773611 E)	Apr	4.48	0.50	0.103	123.30	5.86	0.871	<0.002	0.005	0.00062	0.0027	0.004	0.016	0.012	0.023	0.463	<1.8	<1.8
	Oct	NA	0.44	0.101	143.50	5.98	< 0.5	0.013	0.018	0.00077	NA	NA	NA	NA	NA	0.285	<1.8	<1.8
12. District : JAGATSINGHPUR (2 stations)																		
PARADEEP																		
36. Musadiha (20.320556 N, 86.663333 E)	Apr	2.8	0.54	< 0.05	615.00	17.50	< 0.5	<0.002	0.005	0.00092	0.0023	0.007	0.007	0.011	0.022	0.881	<1.8	<1.8
	Oct	NA	0.15	< 0.05	956.50	16.00	0.63	<0.002	0.012	0.00062	NA	NA	NA	NA	NA	3.74	<1.8	<1.8
37. Badapadia (20.266389 N, 86.658889 E)	Apr	1.68	1.27	0.090	750.00	15.50	< 0.5	<0.002	0.008	0.00092	0.0013	0.005	0.014	0.015	0.003	0.652	<1.8	<1.8
	Oct	NA	1.18	0.196	257.10	7.07	< 0.5	0.007	0.010	0.00077	NA	NA	NA	NA	NA	0.3	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/100 ml	FC, MPN/100 ml
13. District : JAJPUR (4 stations)																		
SUKINDA																		
38. TISCO (21.027778 N, 85.746667 E)	April	1.68	0.52	< 0.05	8.52	1.94	< 0.5	<0.002	0.008	0.00092	0.0008	0.003	0.008	0.011	0.028	0.752	920	920
	Oct	NA	0.30	< 0.05	68.60	8.83	0.50	0.017	0.034	0.00077	NA	NA	NA	NA	NA	1.525	<1.8	<1.8
39. Saruabil (21.057778 N, 85.811111 E)	April	2.8	0.61	< 0.05	17.04	6.30	< 0.5	0.003	0.008	0.00077	0.0008	0.002	0.007	0.012	0.023	3.211	<1.8	<1.8
	Oct	NA	0.29	0.379	12.47	6.80	< 0.5	0.009	0.016	0.00077	NA	NA	NA	NA	NA	14.850	<1.8	<1.8
40. Kaliapani (21.041389 N, 85.770833 E)	April	2.24	0.38	< 0.05	5.58	1.82	< 0.5	0.009	0.017	0.00077	0.0006	0.002	0.010	0.012	0.133	19.539	<1.8	<1.8
	Oct	NA	0.29	< 0.05	6.61	1.01	< 0.5	0.016	0.032	0.00092	NA	NA	NA	NA	NA	1.000	<1.8	<1.8
41. Kamarda (21.063889 N, 85.845556 E)	April	3.92	0.53	< 0.05	7.45	1.45	< 0.5	0.005	0.01	0.00062	<0.0005	0.003	0.010	0.011	0.003	48.598	<1.8	<1.8
	Oct	NA	0.24	< 0.05	5.58	1.36	< 0.5	0.007	0.012	0.00077	NA	NA	NA	NA	NA	2.300	<1.8	<1.8
14. District : JHARSUGUDA (8 stations)																		
42. Thekoloi (21.752186 N, 84.038278 E)	May	6.16	0.63	< 0.05	15.95	2.73	< 0.5	0.005	0.008	0.00092	0.0005	0.002	0.006	0.005	0.033	3.41	<1.8	<1.8
	Nov	3.73	0.19	< 0.05	58.60	8.47	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8	< 1.8
43. Bhurkha Munda (21.8136 11 N, 84.024444 E)	April	5.04	0.24	0.083	21.27	1.99	< 0.5	<0.002	0.005	0.00062	<0.0005	0.007	0.008	0.009	0.038	0.558	<1.8	<1.8
	Oct	NA	0.25	< 0.05	19.81	1.69	< 0.5	0.019	0.036	0.00077	NA	NA	NA	NA	NA	1.725	<1.8	<1.8
44. Badamal Industrial Estate (21.817778 N, 83.996944 E)	April	6.16	0.27	0.059	10.93	3.00	< 0.5	0.008	0.015	0.00046	0.0006	0.018	0.009	0.006	0.100	1.359	<1.8	<1.8
	Oct	NA	0.22	< 0.05	9.04	2.67	< 0.5	0.007	0.013	0.00092	NA	NA	NA	NA	NA	1.400	<1.8	<1.8
45. Budhipadar (21.860833 N, 83.9625 E)	April	4.48	0.26	0.053	15.56	3.42	< 0.5	0.003	0.008	0.00062	0.0006	0.005	0.005	0.009	0.010	2.155	<1.8	<1.8
	Oct	NA	0.24	< 0.05	20.94	4.70	< 0.5	0.009	0.015	0.00031	NA	NA	NA	NA	NA	0.952	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
46. Brajaraj Nagar Mining Belt (21.855 N, 83.920833 E)	April	3.92	0.38	< 0.05	8.34	2.83	< 0.5	0.003	0.006	0.00077	0.0009	0.008	0.008	0.015	0.039	0.811	<1.8	<1.8
	Oct	NA	0.28	< 0.05	16.08	4.94	< 0.5	0.013	0.024	0.00015	NA	NA	NA	NA	NA	1.950	<1.8	<1.8
47. Rampur (water tank) (21.79 N, 84.003333 E)	April	5.04	0.22	0.075	22.67	12.50	< 0.5	0.005	0.01	0.00031	0.0008	0.002	0.003	0.013	0.003	1.389	<1.8	<1.8
	Oct	NA	0.31	< 0.05	20.70	11.85	< 0.5	0.015	0.025	0.00015	NA	NA	NA	NA	NA	2.264	<1.8	<1.8
48. Ib thermal power station (21.688333 N, 83.863056 E)	April	4.2	0.26	0.065	13.53	5.17	< 0.5	0.008	0.014	0.00046	0.0008	0.002	0.003	0.010	0.004	1.329	<1.8	<1.8
	Oct	NA	0.28	< 0.05	11.95	5.64	< 0.5	0.009	0.016	0.00031	NA	NA	NA	NA	NA	0.589	<1.8	<1.8
49. Belpahar Area (21.825278 N, 83.848889 E)	April	6.16	0.22	< 0.05	6.38	2.49	< 0.5	<0.002	0.005	0.00062	0.0012	0.002	0.003	0.013	0.028	0.324	<1.8	<1.8
	Oct	NA	0.26	< 0.05	6.55	3.23	< 0.5	0.007	0.018	0.00077	NA	NA	NA	NA	NA	5.583	240	130
15. District : KALAHANDI (2 stations)																		
50. Goshalpada Colony, Ward No. 7, Bhawanipatna (19.921667 N, 83.154722 E)	April	6.16	0.54	< 0.05	103.60	1.38	0.704	0.004	0.01	0.00092	0.0023	0.007	0.003	0.011	0.033	5.949	<1.8	<1.8
	Oct	NA	0.68	< 0.05	57.75	1.32	< 0.5	0.009	0.015	0.00062	NA	NA	NA	NA	NA	0.775	<1.8	<1.8
51. Sitabudipara Irrigation Colony Ward No. 17, Bhawanipatna (19.915833 N, 83.181667 E)	April	5.04	0.78	< 0.05	21.45	3.81	< 0.5	0.008	0.015	0.00062	0.0011	0.003	0.005	0.015	0.116	7.890	<1.8	<1.8
	Oct	NA	0.27	< 0.05	88.00	1.35	< 0.5	0.010	0.016	0.00092	NA	NA	NA	NA	NA	0.695	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
16. District : KEONJHAR (5 stations)																		
52. Joda East Iron Ore Mines (22.023889 N,85.431111 E)	April	2.24	0.28	<0.05	5.23	1.72	< 0.5	<0.002	0.003	0.00092	0.0008	0.002	0.009	0.009	0.006	1.434	<1.8	<1.8
	Oct	NA	0.18	< 0.05	5.08	1.05	< 0.5	0.010	0.019	0.00092	NA	NA	NA	NA	NA	0.563	<1.8	<1.8
53. Joda West Mn Mines of M/s Tata Steel Ltd. (21.990556 N,85.398472 E)	April	2.24	0.24	<0.05	7.84	2.90	< 0.5	<0.002	0.005	0.00062	<0.0005	0.003	0.008	0.007	0.005	1.055	<1.8	<1.8
	Oct	NA	0.23	< 0.05	5.00	1.04	< 0.5	0.014	0.029	0.00062	NA	NA	NA	NA	NA	0.845	<1.8	<1.8
54. Balda Block Iron ore mines of M/s Sirajuddin (21.877219 N, 85.408561 E)	April	3.92	0.23	<0.05	5.33	1.70	< 0.5	<0.002	0.005	0.00092	0.0006	0.002	0.007	0.009	0.012	1.926	<1.8	<1.8
	Oct	NA	0.31	< 0.05	5.04	1.08	< 0.5	0.007	0.014	0.00062	NA	NA	NA	NA	NA	0.052	<1.8	<1.8
55. Roida-II Iron ore mines of M/s K.N. Ram and Co (22.039497 N,85.369317 E)	April	4.48	0.28	<0.05	5.87	1.59	< 0.5	<0.002	0.004	0.00092	0.0006	0.003	0.012	0.008	0.007	1.478	<1.8	<1.8
	Oct	NA	0.26	< 0.05	5.09	1.07	< 0.5	0.010	0.019	0.00077	NA	NA	NA	NA	NA	0.815	>1600	350
56. Thakurani Iron ore mines of M/s Kaypee Enterprises(22.110639 N, 85.429278 E)	April	3.36	0.31	<0.05	5.29	1.61	< 0.5	<0.002	0.003	0.00092	0.0006	0.001	0.007	0.008	0.058	0.727	<1.8	<1.8
	Oct	NA	0.28	< 0.05	5.12	1.02	< 0.5	0.014	0.026	0.00092	NA	NA	NA	NA	NA	0.045	>1600	240
17. District : KENDRAPARA (2 stations)																		
57. Court Chhack, Kendrapada (20.5025 N, 86.424722 E)	April	6.72	0.51	<0.05	112.50	7.11	< 0.5	0.004	0.01	0.00092	0.0012	0.002	0.007	0.012	0.138	2.136	<1.8	<1.8
	Oct	NA	0.32	< 0.05	64.70	6.24	< 0.5	0.013	0.024	0.00062	NA	NA	NA	NA	NA	6.385	<1.8	<1.8
58. Hazaribagicha (20.51 N, 86.430556 E)	April	1.68	0.38	<0.05	109.90	8.82	< 0.5	0.005	0.013	0.00092	0.0016	0.004	0.005	0.014	0.661	3.634	<1.8	<1.8
	Oct	NA	0.41	< 0.05	80.00	8.00	< 0.5	0.012	0.019	0.00077	NA	NA	NA	NA	NA	3.165	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/100 ml	FC, MPN/100 ml
18. District : KHORDHA (6 stations)																		
BHUBANESWAR																		
59. Khandagiri Area (20.258611 N 85.789444 E)	April	4.48	0.28	<0.05	8.12	3.80	< 0.5	<0.002	0.006	0.00062	0.0006	0.002	0.006	0.006	0.005	0.871	<1.8	<1.8
	Oct	NA	0.25	< 0.05	5.02	1.01	< 0.5	0.010	0.019	0.00077	NA	NA	NA	NA	NA	0.443	<1.8	<1.8
60. Old town-Samantarapur Area (20.228333 N, 85.840833 E)	April	5.04	0.27	0.053	30.15	6.03	0.635	<0.002	0.008	0.00031	0.0019	0.005	0.010	0.015	0.046	0.742	110	33
	Oct	NA	0.29	< 0.05	20.44	5.31	< 0.5	0.014	0.026	0.00092	NA	NA	NA	NA	NA	6.841	<1.8	<1.8
61. Kalpana-Laxmisagar Area (20.268333, N 85.855 E)	April	3.92	0.31	< 0.05	32.02	7.85	< 0.5	0.005	0.012	0.00046	0.0008	0.005	0.008	0.009	0.343	17.672	<1.8	<1.8
	Oct	NA	0.16	< 0.05	40.15	20.20	< 0.5	0.010	0.019	0.00077	NA	NA	NA	NA	NA	6.288	<1.8	<1.8
62. Chandra sekharpur (20.310278 N, 85.833889 E)	April	5.13	0.28	< 0.05	34.51	7.91	< 0.5	0.003	0.01	0.00062	0.0007	0.002	0.007	0.007	0.313	6.944	<1.8	<1.8
	Oct	NA	0.35	< 0.05	5.71	1.01	< 0.5	0.005	0.009	0.00092	NA	NA	NA	NA	NA	2.490	<1.8	<1.8
63. Capital Hospital Area (20.261944 N, 85.821389 E)	April	5.6	0.34	< 0.05	31.17	7.97	< 0.5	0.008	0.013	0.00031	<0.0005	0.016	0.011	0.010	0.376	7.815	<1.8	<1.8
	Oct	NA	0.29	< 0.05	22.47	6.75	< 0.5	0.014	0.028	0.00077	NA	NA	NA	NA	NA	4.577	<1.8	<1.8
64. Secretariate Governor House-Old bus stand Area (20.266944 N, 85.818889 E)	April	3.36	0.29	< 0.05	27.02	6.62	< 0.5	0.006	0.006	0.00046	0.0011	0.002	0.009	0.008	0.385	0.931	240	22
	Oct	NA	0.31	< 0.05	21.76	7.22	< 0.5	0.008	0.012	0.00092	NA	NA	NA	NA	NA	1.232	>1600	>1600
19. District : KORAPUT (2 stations)																		
65. Jagannath Temple, Koraput (18.810556 N, 82. 710278 E)	April	5.6	0.30	< 0.05	5.05	1.08	< 0.5	0.008	0.015	0.00077	<0.0005	0.001	0.003	0.009	0.022	42.624	<1.8	<1.8
	Oct	NA	0.28	< 0.05	5.01	1.01	< 0.5	0.013	0.025	0.00077	NA	NA	NA	NA	NA	9.180	<1.8	<1.8
66. Bada Chindri, Koraput (18.8125 N, 82.728333 E)	April	4.48	0.31	< 0.05	23.07	10.10	0.545	0.005	0.012	0.00077	0.0006	0.002	0.006	0.010	0.009	2.111	<1.8	<1.8
	Oct	NA	0.15	< 0.05	22.98	11.25	0.54	0.018	0.033	0.00062	NA	NA	NA	NA	NA	0.910	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
20. District : MAYURBHANJ (2 stations)																		
67. Dhangidimula Village, Kusumi Block Office (22.08655 N, 86.113753 E)	April	5.6	0.38	< 0.05	10.78	1.69	< 0.5	0.006	0.014	0.00046	0.0010	0.008	0.010	0.008	0.925	7.407	<1.8	<1.8
	Oct	NA	0.19	< 0.05	15.98	4.97	< 0.5	0.009	0.015	0.00062	NA	NA	NA	NA	NA	0.890	<1.8	<1.8
68. Dhangidimula Village, Sukribating Basti (22.093492 N, 86.110036 E)	April	5.04	0.35	0.149	15.71	3.43	< 0.5	<0.002	0.004	0.00062	0.0009	0.003	0.009	0.008	0.008	1.130	<1.8	<1.8
	Oct	NA	0.11	< 0.05	8.28	3.79	< 0.5	0.010	0.019	0.00062	NA	NA	NA	NA	NA	5.810	<1.8	<1.8
21. District : MALKANGIRI (2 stations)																		
69. MV 43, Malkanigiri (18.323333 N, 81.876111 E)	April	3.92	0.32	< 0.05	34.46	1.03	< 0.5	0.006	0.013	0.00092	0.0008	0.003	0.004	0.014	0.090	45.922	<1.8	<1.8
	Oct	NA	0.13	< 0.05	32.02	1.01	< 0.5	0.008	0.016	0.00062	NA	NA	NA	NA	NA	0.644	<1.8	<1.8
70. Tekbadi of Netaji nagar, Malkanigiri (18.353611 N, 81.884722 E)	April	4.48	0.30	0.058	64.60	2.45	0.563	0.005	0.012	0.00062	0.0015	0.004	0.005	0.013	0.086	7.044	<1.8	<1.8
	Oct	NA	0.12	< 0.05	59.00	2.99	< 0.5	0.007	0.013	0.00077	NA	NA	NA	NA	NA	3.923	<1.8	<1.8
22. District : NAWARANGPUR (2 stations)																		
71. Tota guda, Nawarangpur (19.248056 N, 82.543333 E)	April	7.28	0.29	0.065	6.18	2.91	< 0.5	0.004	0.01	0.00077	<0.0005	0.002	0.004	0.008	0.004	7.343	<1.8	<1.8
	Oct	NA	0.17	0.054	5.94	2.55	< 0.5	0.013	0.024	0.00062	NA	NA	NA	NA	NA	1.911	<1.8	<1.8
72. Gabraliguda, Nawarangpur (19.241667 N, 82.538056 E)	April	5.04	0.30	< 0.05	38.12	2.26	0.581	0.003	0.008	0.00092	0.0013	0.002	0.013	0.007	0.008	0.792	<1.8	<1.8
	Oct	NA	0.16	< 0.05	37.01	2.19	< 0.5	0.010	0.019	0.00062	NA	NA	NA	NA	NA	5.785	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
23. District : NAYAGARH (2 stations)																		
73. Near Solid Waste dumpsite, Nayagarh (20.123133 N, 85.103842 E)	Apr	5.6	1.12	0.091	131.60	1.37	0.708	<0.002	0.008	0.00046	0.0014	0.005	0.013	0.015	0.004	0.274	<1.8	<1.8
	Oct	NA	0.29	0.088	82.70	1.01	< 0.5	0.019	0.025	0.00077	NA	NA	NA	NA	NA	0.68	<1.8	<1.8
74. Inside District Medical campus, Nayagarh (20.126944 N, 85.106389 E)	Apr	3.36	1.44	0.070	174.80	1.86	0.744	<0.002	0.004	0.00031	0.0019	0.009	0.017	0.019	0.003	0.378	<1.8	<1.8
	Oct	NA	0.38	0.058	172.10	1.01	0.50	0.019	0.025	0.00077	NA	NA	NA	NA	NA	0.055	<1.8	<1.8
24. District : NUAPADA (2 stations)																		
75. Nuapada Govt. Hospital, Nuapada (20.805833 N, 82.533611 E)	April	3.92	0.37	0.063	36.36	11.10	0.545	<0.002	0.005	0.00077	0.0015	0.003	0.006	0.012	0.004	2.987	<1.8	<1.8
	Oct	NA	0.22	< 0.05	51.85	3.46	0.54	0.010	0.019	0.00077	NA	NA	NA	NA	NA	1.036	<1.8	<1.8
76. Nilasaila nagar, Nuapada (20.799722 N, 82.534722 E)	April	2.8	0.47	0.088	47.50	1.85	< 0.5	0.009	0.014	0.00061	0.0012	0.011	0.008	0.009	0.102	35.531	<1.8	<1.8
	Oct	NA	0.27	0.083	33.78	1.16	< 0.5	0.007	0.012	0.00046	NA	NA	NA	NA	NA	34.625	240	49
25. District : Kandhamal (2 stations)																		
77. Solid Waste Management site, Phulbani (20.488169 N, 84.221928 E)	April	6.16	0.48	0.112	58.35	2.17	< 0.5	<0.002	0.004	0.00015	0.0023	0.009	0.007	0.015	0.091	2.240	<1.8	<1.8
	Oct	NA	0.62	0.132	45.25	5.00	< 0.5	0.013	0.019	0.00062	NA	NA	NA	NA	NA	3.31	<1.8	<1.8
78. District Head Quarter Hospital, Phulbani (20.485736 N, 84.224717 E)	April	2.24	0.49	0.088	35.77	5.83	< 0.5	0.004	0.01	0.00031	0.0011	0.005	0.018	0.009	0.004	3.285	<1.8	<1.8
	Oct	NA	0.35	0.112	22.20	5.83	< 0.5	0.018	0.022	0.00062	NA	NA	NA	NA	NA	2.985	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
26. District : PURI (5 stations)																		
79. Hospital-Bus stand Mausima temple area, Puri (19.816944 N, 85.838056 E)	April	5.04	0.98	0.144	50.15	7.54	< 0.5	0.009	0.017	0.00046	<0.0005	0.007	0.006	0.005	0.256	1.252	240	13
	Oct	NA	0.14	0.051	91.85	29.95	0.55	0.010	0.018	0.00062	NA	NA	NA	NA	NA	1.041	<1.8	<1.8
80. Near Jagannath Temple, Puri (19.804444 N, 85.819167 E)	April	9.52	0.52	0.074	94.10	2.63	0.653	0.004	0.008	0.00092	0.0009	0.004	0.010	0.006	0.006	2.081	<1.8	<1.8
	Oct	NA	0.13	< 0.05	122.30	23.10	0.52	0.005	0.012	0.00077	NA	NA	NA	NA	NA	3.320	<1.8	<1.8
81. Near Sea Beach, Puri (19.793611 N, 85.793611 E)	April	5.04	0.44	0.057	206.90	30.45	1.252	0.005	0.008	0.00077	0.0022	0.007	0.007	0.004	0.298	3.435	<1.8	<1.8
	Oct	NA	0.22	< 0.05	156.15	25.85	< 0.5	0.007	0.010	0.00077	NA	NA	NA	NA	NA	1.635	<1.8	<1.8
82. Baliapanda, Puri (19.791667 N, 85.808333 E)	April	2.24	0.29	0.065	39.00	23.00	< 0.5	0.003	0.006	0.00062	<0.0005	0.002	0.004	0.002	0.011	1.190	<1.8	<1.8
	Oct	NA	0.19	< 0.05	56.15	8.40	< 0.5	0.012	0.021	0.00077	NA	NA	NA	NA	NA	2.867	1600	350
83. Chakratirtha Road	April	4.67	0.45	< 0.05	15.97	3.10	0.944	0.003	0.005	0.00031	0.0007	0.011	0.007	0.004	0.299	7.965	<1.8	<1.8
	Oct	NA	0.25	< 0.05	118.30	20.70	< 0.5	0.021	0.039	0.00062	NA	NA	NA	NA	NA	1.559	<1.8	<1.8
27. District : RAYAGADA (2 stations)																		
84. Kasturinagar, Rayagada (19.1825 N, 83.416111 E)	April	2.24	0.32	0.067	17.48	3.63	< 0.5	<0.002	0.004	0.00062	0.0008	0.002	0.008	0.010	0.002	0.503	<1.8	<1.8
	Oct	NA	0.20	< 0.05	10.13	1.49	< 0.5	0.013	0.018	0.00062	NA	NA	NA	NA	NA	0.175	<1.8	<1.8
85. Within the premises of Badelapulama Temple, Rayagada (19.160833 N, 83.409167 E)	April	4.48	0.33	0.053	14.54	1.77	< 0.5	<0.002	0.005	0.00077	0.0013	0.002	0.008	0.012	0.002	0.358	<1.8	<1.8
	Oct	NA	0.24	< 0.05	20.02	3.83	< 0.5	0.009	0.012	0.00077	NA	NA	NA	NA	NA	0.15	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/ 100 ml	FC, MPN/ 100 ml
28. District : SAMBALPUR (3 stations)																		
86. Near Panthanivas, Sambalpur (21.460386 N, 83.979989 E)	April	6.16	0.43	<0.05	53.50	2.77	< 0.5	0.004	0.006	0.00046	0.0008	0.005	0.009	0.011	0.006	5.775	<1.8	<1.8
	Oct	NA	0.14	< 0.05	19.07	3.23	< 0.5	0.013	0.024	0.00077	NA	NA	NA	NA	NA	2.18	<1.8	<1.8
87. Near Railway station, Sambalpur (21.482917 N, 83.960086 E)	April	3.92	0.36	<0.05	42.60	39.00	0.635	<0.002	0.003	0.00062	0.0023	0.006	0.009	0.015	0.007	1.523	<1.8	<1.8
	Oct	NA	0.34	< 0.05	7.94	2.30	< 0.5	0.012	0.019	0.00046	NA	NA	NA	NA	NA	0.785	<1.8	<1.8
88. Near VSS Medical College, Burla (21.500314 N, 83.885922 E)	April	2.8	0.35	0.097	44.20	3.91	< 0.5	0.003	0.008	0.00046	0.0011	0.003	0.006	0.012	0.006	1.324	<1.8	<1.8
	Oct	NA	0.76	0.101	61.25	1.01	< 0.5	0.004	0.007	0.00077	NA	NA	NA	NA	NA	0.205	<1.8	<1.8
29. District : SONEPUR (2 stations)																		
89. District Head Quarter Hospital, Sonepur (20.84365 N, 83.906919 E)	April	2.8	0.33	0.062	90.20	47.60	< 0.5	<0.002	0.006	0.00092	0.0024	0.009	0.006	0.017	0.623	1.020	<1.8	<1.8
	Oct	NA	0.50	< 0.05	59.70	44.70	< 0.5	0.015	0.019	0.00062	NA	NA	NA	NA	NA	0.345	540	240
90. Near Gundicha temple of Tentelghat, Sonepur (20.845244 N, 83.914717 E)	April	3.64	0.36	0.112	99.90	73.90	< 0.5	0.003	0.006	0.00092	0.0014	0.002	0.009	0.014	0.003	0.816	<1.8	<1.8
	Oct	NA	0.38	0.090	94.95	48.40	< 0.5	0.013	0.021	0.00092	NA	NA	NA	NA	NA	2.235	>1600	280

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ ³⁻ -P, mg/L	Sodium, mg/L	Potassium, mg/L	Boron, mg/L	Cr (VI), mg/L	Total Cr mg/L	Mercury, mg/L	Cadmium, mg/L	Copper, mg/L	Lead, mg/L	Nickel, mg/L	Zinc, mg/L	Iron Total, mg/L	TC, MPN/100 ml	FC, MPN/100 ml
30. District : SUNDARGARH (2 stations)																		
91. DDM Office Premises, Koira (21.911955 N, 85.255445 E)	May	6.72	0.396	<0.05	5.85	1.05	<0.5	0.004	0.009	0.00092	0.0007	0.005	0.005	0.007	0.845	0.045	<1.8	<1.8
	Oct	NA	0.28	< 0.05	4.28	1.02	< 0.5	0.013	0.025	0.00077	NA	NA	NA	NA	NA	6.992	33	8
92. Tensa Residential Area, Koira (21.871169 N, 85.161586 E)	May	8.4	0.423	<0.05	8.19	1.01	0.73	0.003	0.008	0.0005	<0.0005	0.003	0.004	0.008	0.008	0.039	<1.8	<1.8
	Oct	NA	0.26	< 0.05	9.46	1.01	< 0.5	0.009	0.016	0.00077	NA	NA	NA	NA	NA	2.213	170	33
Drinking water specification (IS : 10500 (2012))																		
Acceptable Limit	-	1.0	-	-	-	-	0.5	-	0.05	0.001	0.003	0.05	0.01	0.02	5.0	1.0*	Absent	
Permissible limit	-	1.5	-	-	-	-	2.4**	-	-	No relax	No relax	1.5	No relax	No relax	15.0	No relax	No relax	

* IS : 10500 (2012) Amendment No. 1 dated 01.6.2015

** IS : 10500 (2012) Amendment No. 2 dated 02.9.2018