

Table- 1 Ground Water Quality Status (Tube well) (2024)

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	990	0.7	7.8	2.3	604	548	200	324	112.22	10.69	159.9	97.00	41.529	<0.4
	Oct	7.3	1210	<1.0	7.5	6.0	740	712	288	420	145.89	13.61	160	138.00	14.876	<0.4
2. NALCO township (20.8425 N, 85.148611 E)	April	7.2	610	0.9	7.8	1.6	388	328	272	268	57.72	30.13	60.0	30.90	2.947	<0.4
	Oct	7.8	820	<1.0	7.5	10.0	560	540	292	308	88.18	21.38	80	101.00	1.426	<0.4
Talcher (7 stations)																
3. Mahanadi Coal Field Area 20.950278 N, 85.192222 E)	April	6.2	530	0.8	7.8	2.7	364	324	72	188	48.10	16.52	80.0	105.50	35.196	<0.4
	Oct	7.7	625	<1.0	7.5	12.0	400	376	180	232	41.68	31.10	70	74.50	21.324	<0.4
4. Kaniha (21.08 N, 85.078333 E)	April	7.2	550	0.5	7.8	1.9	368	328	280	236	64.13	18.47	60.0	9.30	2.046	<0.4
	Oct	7.5	625	<1.0	7.5	6.0	364	340	264	228	52.91	23.33	60	16.90	1.676	<0.4
5. Talcher town (20.9325 N, 85.200556 E)	April	5.8	125	0.7	7.8	1.5	76	60	28	44	11.22	3.89	16.0	8.05	11.752	<0.4
	Oct	7.5	360	<1.0	7.5	13.0	220	200	108	124	40.08	5.83	60	10.70	1.511	<0.4
6. Meramundali Area (20.802778 N, 85.304444 E)	April	7.1	1130	0.7	7.8	2.3	864	804	300	660	120.24	87.48	259.9	148.00	12.300	<0.4
	Oct	7.5	910	<1.0	7.5	6.0	528	492	412	416	72.14	57.35	80	31.30	1.501	<0.4
7. Talcher Thermal Area (20.904444 N, 85.217222 E)	April	7.1	1210	0.6	7.8	7.8	804	768	280	284	96.19	10.69	279.9	49.60	2.691	<0.4
	Oct	7.6	1028	<1.0	7.5	31.0	640	600	300	288	86.57	17.50	180	47.80	1.465	<0.4
8. Banarpal (20.8425 N, 85.214722 E)	April	6.6	960	0.8	7.8	1.8	684	640	128	484	160.32	20.41	229.9	135.00	19.790	<0.4
	Oct	7.3	1011	<1.0	7.5	10.0	656	600	220	396	152.30	3.89	170	109.50	19.620	<0.4
9. Kulad (20.838333 N, 85.166944 E)	April	6.9	940	1.1	7.8	2.5	556	504	264	320	117.03	6.80	100.0	92.50	16.989	<0.4
	Oct	7.4	925	<1.0	7.5	5.0	592	512	236	328	115.43	9.72	110	124.00	10.501	<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

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 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
2. District : BALASORE (3 stations)																
10. Naigopalpur (21.577778 N, 86.832222 E)	April	7.4	221	0.6	7.4	2.8	136	120	56	44	12.83	2.92	30.0	22.90	2.740	<0.4
	Oct	7.2	149	1.1	7.5	6	96	84	40	52	17.64	1.94	8	29.40	1.557	<0.4
11. Kuanpur (21.573481 N, 86.8442 E)	April	8.3	445	0.7	7.4	1.6	264	240	88	60	19.24	2.92	80.0	20.80	3.106	<0.4
	Oct	6.9	530	<1.0	7.5	9	312	292	64	56	17.64	2.92	120	26.90	1.778	<0.4
12. Chakulia (21.5675 N, 86.844722 E)	April	7.3	390	0.5	7.4	9.6	236	212	108	140	48.10	4.86	52.0	24.50	18.329	<0.4
	Oct	6.7	605	<1.0	7.5	13	368	340	108	208	52.91	18.47	140	27.30	8.889	<0.4
3. District : BHADRAK (2 Stations)																
13. District Head Quarter Hospital Premises, Bhadrak (21.065464 N, 86.502608 E)	April	7.7	524	0.8	7.4	5.6	312	288	196	204	73.75	4.86	60.0	13.80	6.114	<0.4
	Oct	7.3	690	<1.0	7.5	7	412	388	228	228	27.25	38.88	100	37.10	1.759	<0.4
14. Salandi Hospital Premises, Bhadrak (21.070497 N, 86.496453E)	April	7.8	360	0.6	7.4	2.4	212	192	120	148	48.10	6.80	40.0	18.90	2.582	<0.4
	Oct	7.1	520	<1.0	7.5	2	320	300	236	256	44.89	34.99	40	33.50	3.546	<0.4
4. District : BARGARH (2 stations)																
15. Near Bargarh Govt. Hospital, Bargarh (21.335114 N, 83.616478 E)	April	7.1	798	0.4	7.8	2.3	492	428	176	256	92.99	5.83	90.0	111.00	25.940	<0.4
	Oct	6.9	426	<1.0	7.8	8	256	240	56	96	28.86	5.83	100	15.60	19.574	<0.4
16. Near Ganapati Hotel, Bargarh (21.349475 N, 83.642628 E)	April	7.1	1080	0.9	7.8	40	664	604	128	240	81.76	8.75	199.9	122.00	39.337	<0.4
	Oct	6.9	1330	<1.0	7.8	120	804	780	168	356	126.65	9.72	260	149.00	2.027	<0.4
5. District : BALANGIR (2 stations)																
17. Balangir Medical College, Balangir (20.704831 N, 83.452628 E)	April	7.5	1210	0.8	7.8	1.7	728	688	320	380	129.86	13.61	199.9	59.20	39.215	<0.4
	Oct	7.2	1150	<1.0	7.5	2	744	688	336	436	52.91	73.87	260	27.60	14.645	<0.4

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18. Sudapada Post Office, Balangir (20.7077 N, 83.497211 E)	April	7.5	1390	0.6	7.8	2.1	848	800	188	444	144.29	20.41	319.8	107.00	20.156	<0.4
	Oct	7.1	1320	<1.0	7.5	4	776	720	264	452	83.37	59.29	320	24.80	14.923	<0.4
6. District : BOUDH (2 stations)																
19. Near Town Girls Primary School, Boudh (20.835728 N, 84.326325 E)	Apr	7.3	950	0.4	7.8	2.4	636	584	240	308	110.62	7.78	199.9	48.60	20.764	<0.4
	Oct	7.3	910	<1.0	7.5	9	548	512	296	376	54.51	58.32	160	21.70	13.679	<0.4
20. Butupali Chowk, Boudh (20.823619 N, 84.314531 E)	Apr	7.4	680	0.6	7.8	2.1	396	360	280	280	97.80	8.75	46.0	34.50	10.474	<0.4
	Oct	7.2	860	<1.0	7.5	6	460	420	232	244	52.91	27.22	140	10.80	20.403	<0.4
7. District : CUTTACK (5 stations)																
21. Jagatpur (20.488889 N 85.929722 E)	Apr	6.9	364	0.8	7.8	2.7	216	188	68	100	32.06	4.86	70.0	17.70	13.701	<0.4
	Oct	7.1	550	<1.0	7.5	7	396	360	180	212	75.35	5.83	100	36.10	13.034	<0.4
22. Mangalabag (20.473889 N 85.888056 E)	Apr	6.9	305	0.8	7.8	3.2	176	152	68	120	36.87	6.80	18.0	52.00	2.789	<0.4
	Oct	6.8	250	<1.0	7.5	3	152	136	120	104	33.67	4.86	12	9.50	1.511	<0.4
23. Madhapatna-Kalyan Nagar Area (20.448611 N, 85.902778 E)	Apr	6.9	265	0.9	7.8	2.9	160	140	64	96	27.25	6.80	38.0	18.90	4.933	<0.4
	Oct	6.9	370	<1.0	7.5	11	244	228	80	120	41.68	3.89	80	26.10	1.382	<0.4
24. Badambadi Area (20.458611 N, 85.880556 E)	Apr	7.1	520	0.6	7.8	20	340	316	120	168	48.10	11.66	119.9	18.60	2.375	<0.4
	Oct	6.7	710	<1.0	7.5	14	436	420	204	248	56.11	26.24	80	86.00	7.830	<0.4
25. Bidanasi-Tulsipur Area (20.485278 N 85.784444 E)	Apr	7.1	165	0.9	7.8	1.8	120	100	76	84	22.44	6.80	10.0	19.10	3.288	<0.4
	Oct	7.1	180	<1.0	11	2	112	92	76	72	24.05	2.92	12	9.90	1.409	<0.4

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8. District : DHENKANAL (2 Stations)																
26. Dhenkanal Daily Market (20.652689 N ,85.5939 E)	Apr	6.3	420	0.8	7.8	2.2	288	264	208	208	59.32	14.58	40.0	18.10	1.815	<0.4
	Oct	7.4	520	<1.0	7.5	6	304	284	204	216	54.51	19.44	60	11.20	1.916	<0.4
27. Gajaman UP School, Dhenkanal (20.594847 N, 85.594847 E)	Apr	5.7	75	0.5	7.8	18	48	36	24	20	4.81	1.94	6.0	8.40	1.401	<0.4
	Oct	7.6	395	<1.0	11	7	248	236	132	152	43.29	10.69	60	13.80	2.008	<0.4
9. District : DEOGARH (2 stations)																
28. Govt. Medical Premises, Deogarh (21.534673 N, 84.730024 E)	Apr	6.6	455	0.5	7.9	11	296	276	72	168	48.10	11.66	109.9	34.80	1.758	<0.4
	Oct	6.7	790	<1.0	7.8	13	460	424	184	324	75.35	33.05	160	20.50	9.535	<0.4
29. Collector Office Premises, Deogarh (21.540146 N, 84.738194 E)	Apr	7.3	420	0.7	7.9	4.6	256	232	128	140	43.29	7.78	50.0	32.20	1.535	<0.4
	Oct	7.1	310	<1.0	7.8	2	212	192	128	156	48.10	8.75	30	25.50	1.510	<0.4
10. District : GAJAPATI (2 stations)																
30. Near Municipal Solid Waste Dumpsite, Kellysahi (18.779461 N, 84.087447 E)	April	7.7	820	0.8	7.8	3.2	516	492	284	244	88.18	5.83	119.9	31.40	2.245	<0.4
	Oct	7.4	910	<1.0	7.5	5	568	504	280	288	67.33	29.16	180	11.90	14.093	<0.4
31. Inside the premises of DHH, Paralakhemundi (18.771472 N, 84.096867 E)	April	7.3	668	0.7	7.8	1.7	388	368	188	316	72.14	33.05	100.0	47.00	3.544	<0.4
	Oct	7.5	610	<1.0	7.5	2	356	328	184	188	51.30	14.58	100	14.90	1.649	<0.4

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11. District : GANJAM (4 stations)																
BERHAMPUR																
32. Near Railway station (19.296394N 84.796825 E)	Apr	8.5	780	0.8	7.9	3.2	520	488	220	284	83.37	18.47	70.0	117.50	33.918	<0.4
	Oct	7.1	1010	<1.0	11	5	592	564	220	236	67.33	16.52	180	59.50	3.556	<0.4
33. MKCG Medical College (19.312522 N, 84.81025 E)	Apr	8.4	850	0.7	7.9	2.6	496	440	168	300	99.40	12.64	100.0	113.50	16.746	<0.4
	Oct	7.2	1510	<1.0	7.5	16	912	876	296	320	78.56	30.13	340	63.00	1.557	<0.4
34. Bus stand (19.312628 N, 84.802431 E)	Apr	8.5	890	0.6	7.9	5.6	536	504	304	240	70.54	15.55	100.0	49.00	2.972	<0.4
	Oct	7.5	935	<1.0	11	35	592	560	332	292	52.91	38.88	140	45.80	3.629	<0.4
35. Badabazar (19.317317 N, 84.773611 E)	Apr	8.4	1018	0.9	7.9	7.2	608	520	280	268	75.35	19.44	139.9	45.20	65.277	<0.4
	Oct	7.3	1605	<1.0	7.5	6	984	920	364	536	160.32	33.05	340	71.50	10.271	<0.4
12. District : JAGATSINGHPUR (2 stations)																
PARADEEP																
36. Musadiha (20.320556 N, 86.663333 E)	Apr	8.1	565	0.7	7.7	2.9	340	320	144	116	35.27	6.80	90.0	31.40	5.237	<0.4
	Oct	7.2	4150	<1.0	7.5	5	2860	2760	200	364	65.73	48.60	1599	38.90	4.311	<0.4
37. Badapadia (20.266389 N, 86.658889 E)	Apr	8.5	2260	0.6	7.7	2.4	1560	1480	240	128	41.68	5.83	749.6	28.20	8.160	<0.4
	Oct	7.4	1910	<1.0	7.5	7	1340	1200	280	92	27.25	5.83	600	48.40	6.595	<0.4
13. District : JAJPUR (4 stations)																
SUKINDA																
38. TISCO (21.027778 N, 85.746667 E)	April	Not Monitored														
	Oct	6.8	250	<1.0	11	5	144	124	108	100	22.44	10.69	18	8.90	1.417	<0.4
39. Saruabil (21.057778 N, 85.811111 E)	April	6.6	240	0.6	7.7	2.6	144	124	88	100	35.27	2.92	12.0	19.10	13.457	<0.4
	Oct	6.7	218	<1.0	11	8	92	80	96	88	27.25	4.86	16	7.30	5.066	<0.4

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40.Kaliapani (21.041389N, 85.770833 E)	April	6.6	234	0.8	7.7	16	140	120	100	108	36.87	3.89	10.0	18.30	1.876	<0.4
	Oct	6.9	190	1.2	15	11	112	96	84	88	16.03	11.66	12	8.10	1.470	<0.4
41. Kamarda (21.063889 N, 85.845556 E)	April	6.8	287	0.7	7.7	4.2	168	144	128	136	44.89	5.83	10.0	20.10	1.486	<0.4
	Oct	7.1	240	<1.0	11	7	160	140	136	132	38.48	8.75	12	9.00	2.441	<0.4
14. District : JHARSUGUDA (8 stations)																
42.Thekoloi (21.752186 N, 84.038278 E)	May	6.9	410	<1.0	7.6	65.0	248	216	96	172	40.08	17.50	70	29.50	14.221	<0.4
	Oct	Not Monitored														
43.Bhurkha Munda (21.813611 N, 84.024444 E)	April	7.1	196	0.7	7.3	5.2	124	108	64	56	16.03	3.89	24.0	9.95	17.720	<0.4
	Oct	7.3	199	<1.0	7.5	6	116	104	56	48	12.83	3.89	24	8.90	2.432	<0.4
44. Badamal Industrial Estate (21.817778 N, 83.996944 E)	April	6.9	192	0.5	7.3	4.7	128	108	76	88	24.05	6.80	18.0	11.70	18.451	<0.4
	Oct	7.2	190	<1.0	7.5	5	120	104	60	56	14.43	4.86	24	9.50	9.257	<0.4
45. Budhipadar (21.860833 N, 83.9625 E)	April	6.7	146	0.4	7.3	75	88	72	48	56	16.03	3.89	10.0	13.50	1.595	<0.4
	Oct	7.2	178	<1.0	7.5	5	116	100	56	56	12.83	5.83	24	9.10	13.495	<0.4
46. Brajarajnagar Mining Belt (21.855 N, 83.920833 E)	April	7.1	185	0.8	7.3	15	108	88	52	44	12.83	2.92	18.0	14.40	8.062	<0.4
	Oct	7.5	145	<1.0	7.5	40	84	76	48	52	11.22	5.83	10	8.90	1.931	<0.4
47.Rampur (water tank) (21.79 N, 84.003333 E)	April	7.1	328	0.5	7.3	14	192	168	124	96	30.46	4.86	28.0	18.40	2.497	<0.4
	Oct	7.1	364	<1.0	11	17	228	208	120	120	30.46	10.69	60	8.60	1.695	<0.4
48. Ib thermal power station (21.688333 N, 83.863056 E)	April	7.2	362	0.6	7.3	3.8	212	188	168	132	38.48	8.75	14.0	18.90	2.168	<0.4
	Oct	7.4	360	<1.0	11	7	224	204	164	160	43.29	12.64	32	11.90	2.220	<0.4

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49. Belpahar Area (21.825278 N, 83.848889 E)	April	7.6	148	0.7	7.3	4.6	88	76	40	56	16.03	3.89	10.0	19.40	1.985	<0.4
	Oct	7.3	980	<1.0	15	1	584	520	136	336	102.60	19.44	100	196.00	20.311	<0.4
15. District : KALAHANDI (2 stations)																
50. Goshalpada Colony, Ward No. 7, Bhawanipatna (19.921667 N, 83.154722 E)	April	7.6	810	0.5	7.8	35	504	480	280	336	120.24	8.75	109.9	48.40	3.008	<0.4
	Oct	7.3	930	<1.0	7.5	11	580	480	288	344	96.19	25.27	180	20.10	2.307	<0.4
51. Sitabudipara Irrigation Colony Ward No. 17, Bhawanipatna (19.915833 N, 83.181667 E)	April	7.6	1214	0.6	7.8	4.1	740	708	380	500	184.37	9.72	159.9	82.00	28.620	<0.4
	Oct	7.2	980	1.2	7.5	10	604	520	240	340	96.19	24.30	220	19.05	11.468	<0.4
16. District : KEONJHAR (5 stations)																
52. Joda East Iron Ore Mines (22.023889 N, 85.431111 E)	April	7.7	140	0.7	7.4	3.1	88	72	44	48	14.43	2.92	10.0	18.10	4.896	<0.4
	Oct	7.1	138	<1.0	7.5	3	92	76	40	60	19.24	2.92	10	22.50	3.915	<0.4
53. Joda West Mn Mines of M/s Tata Steel Ltd. (21.990556 N, 85.398472 E)	April	7.1	103	0.6	7.4	3.8	60	52	28	36	11.22	1.94	8.0	9.20	8.330	<0.4
	Oct	7.1	148	<1.0	7.5	5	92	80	36	60	19.24	2.92	10	25.00	1.833	<0.4
54. Balda Block Iron ore mines of M/s Sirajuddin (21.877219 N, 85.408561 E)	April	6.3	92	0.5	7.4	4.6	56	44	24	28	8.02	1.94	12.0	7.60	1.966	<0.4
	Oct	6.8	76	<1.0	15	13	48	40	<20	24	6.41	1.94	6	13.90	1.501	<0.4

Monitoring Station	Month of Monitoring	pH	Cond., $\mu\text{S/cm}$	BOD, mg/L	COD, mg/L	Turbidity, NTU	TDS, mg/L	TFS, mg/L	Total Alkalinity, as CaCO_3 , mg/L	Total Hardness CaCO_3 , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	$\text{NH}_4\text{-N}$, mg/L
55. Roida-II Iron ore mines of M/s K.N. Ram and Co (22.039497 N,85.369317 E)	April	6.3	90	0.7	7.4	3.3	64	52	32	40	12.83	1.94	8.0	8.80	2.874	<0.4
	Oct	6.6	112	<1.0	7.5	2	76	64	32	48	12.83	3.89	8	17.90	3.242	<0.4
56. Thakurani Iron ore mines of M/s Kaypee Enterprises (22.11 0639 N, 85.429278 E)	April	6.1	108	0.8	7.4	4.2	68	52	24	44	12.83	2.92	12.0	11.50	5.870	<0.4
	Oct	6.7	124	<1.0	11	7	76	68	24	48	12.83	3.89	10	22.00	3.676	<0.4
17. District : KENDRAPARA (2 stations)																
57. Court Chhack, Kendrapada (20.5025 N, 86.424722 E)	April	7.9	710	0.5	7.7	14	420	400	216	212	72.14	7.78	100.0	34.30	1.401	<0.4
	Oct	7.1	1360	<1.0	7.5	11	848	820	160	232	59.32	20.41	400	34.20	1.851	<0.4
58. Hazaribagicha (20.51 N, 86.430556 E)	April	8.1	420	0.8	7.7	4.5	252	228	188	172	60.92	4.86	14.0	35.80	1.729	<0.4
	Oct	7.3	1680	<1.0	7.5	4	1028	984	180	204	44.89	22.36	500	28.90	2.017	<0.4
18. District : KHORDHA (6 stations)																
BHUBANESWAR																
59. Khandagiri Area (20.258611 N 85.789444 E)	April	6.7	348	1.1	7.8	2.3	208	184	76	112	33.67	6.80	60.0	14.30	24.966	<0.4
	Oct	6.9	245	<1.0	7.5	140	156	136	60	56	19.24	1.94	40	11.40	1.557	<0.4
60. Old town-Samantarapur Area (20.228333 N, 85.840833 E)	April	6.9	440	0.9	7.8	4.3	300	260	68	168	56.11	6.80	129.9	14.20	3.714	<0.4
	Oct	7.3	440	<1.0	11	9	276	256	188	172	41.68	16.52	48	11.90	2.128	<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 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
61. Kalpana-Laxmisagar Area (20.268333, N 85.855 E)	April	6.5	303	0.6	7.8	11	184	156	48	60	19.24	2.92	60.0	10.40	19.790	<0.4
	Oct	7.4	280	<1.0	7.5	9	172	156	24	60	16.03	4.86	70	13.00	16.765	<0.4
62. Chandrasekharpur (20.310278 N, 85.833889 E)	April	5.6	220	0.6	7.8	1.5	132	112	24	44	14.43	1.94	44.0	12.10	33.004	<0.4
	Oct	7.7	90	<1.0	7.5	15	56	48	28	32	8.02	2.92	10	6.90	4.034	<0.4
63. Capital Hospital Area (20.261944 N, 85.821389 E)	April	6.5	375	0.7	7.8	50	228	204	92	92	27.25	5.83	70.0	13.90	2.391	<0.4
	Oct	7.2	310	<1.0	7.5	110	188	168	68	68	19.24	4.86	56	14.90	2.598	<0.4
64. Secretariate Governor House-Old bus stand Area (20.266944 N, 85.818889 E)	April	6.8	370	0.7	7.8	7.4	220	200	120	116	35.27	6.80	48.0	12.20	18.329	<0.4
	Oct	7.5	410	<1.0	11	10	264	240	160	176	48.10	13.61	48	21.80	1.538	<0.4
19. District : KORAPUT (2 stations)																
65. Jagannath Temple, Koraput (18.810556 N, 82.710278 E)	April	6.9	97	0.5	7.8	7.8	56	44	28	28	8.02	1.94	10.0	7.80	1.547	<0.4
	Oct	7.1	260	<1.0	7.5	16	164	144	72	100	32.06	4.86	40	15.40	6.522	<0.4
66. Bada Chindri, Koraput (18.8125 N, 82.728333 E)	April	6.6	580	0.9	7.8	2.3	360	344	60	292	78.56	23.33	139.9	32.36	73.680	<0.4
	Oct	6.7	360	1.1	15	12	236	200	56	156	46.49	9.72	50	56.80	23.305	<0.4
20. District : MAYURBHANJ (2 stations)																
67. Dhangidimula Village, Kusumi Block Office (22.08655 N, 86.113753 E)	April	7.3	172	0.7	7.4	80	112	96	92	72	22.44	3.89	8.0	8.70	2.156	<0.4
	Oct	7.1	210	<1.0	7.5	15	132	112	80	92	20.84	9.72	10	29.60	1.878	<0.4
68. Dhangidimula Village, Sukribating Basti (22.093492 N, 86.110036 E)	April	7.1	302	0.9	7.4	3.8	176	164	112	120	38.48	5.83	30.0	7.90	17.598	<0.4
	Oct	7.1	290	<1.0	7.5	8	176	156	72	104	38.48	1.94	32	30.30	13.954	<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
21. District : MALKANGIRI (2 stations)																
69. MV 43, Malkanigiri (18.323333 N, 81.876111 E)	April	6.7	260	0.6	7.8	6.4	164	140	92	92	28.86	4.86	34.0	9.40	1.681	<0.4
	Oct	6.8	280	2	11	90	168	148	80	100	33.67	3.89	38	14.80	5.730	<0.4
70. Tekbadi of Netaji nagar, Malkanigiri (18.353611 N, 81.884722 E)	April	6.9	764	0.8	7.8	6.8	476	428	168	288	96.19	11.66	169.9	29.40	9.317	<0.4
	Oct	6.9	840	1.6	7.5	22	504	428	196	320	67.33	36.94	180	35.40	1.382	<0.4
22. District : NAWARANGPUR (2 stations)																
71. Tota guda, Nawarangpur (19.248056 N, 82.543333 E)	April	7.1	112	0.7	7.8	7.2	68	52	48	36	9.62	2.92	6.0	7.40	2.009	<0.4
	Oct	7.2	183	<1.0	7.5	23	112	92	64	72	16.03	7.78	16	16.80	2.741	<0.4
72. Gabraliguda, Nawarangpur (19.241667 N, 82.538056 E)	April	7.1	790	0.7	7.8	1.6	460	420	164	356	96.19	28.19	129.9	51.60	69.722	<0.4
	Oct	7.1	680	<1.0	7.5	14	428	408	184	304	94.59	16.52	120	37.60	18.976	<0.4
23. District : NAYAGARH (2 stations)																
73. Near Solid Waste dumpsite, Nayagarh (20.123133 N, 85.103842 E)	Apr	8.4	826	0.7	7.9	6.1	476	448	224	236	75.35	11.66	119.9	31.90	11.570	<0.4
	Oct	7.2	620	<1.0	11	3	368	348	188	184	49.70	14.58	80	43.80	3.546	<0.4
74. Inside District Medical campus, Nayagarh (20.126944 N, 85.106389 E)	Apr	8.2	1020	0.9	7.9	4.3	696	620	236	388	126.65	17.50	149.9	155.50	7.332	<0.4
	Oct	7.4	1910	<1.0	7.5	6	1240	1200	360	444	73.75	63.18	460	126.50	4.163	<0.4
24. District : NUAPADA (2 stations)																
75. Nuapada Govt. Hospital, Nuapada (20.805833 N, 82.533611 E)	Apr	7.3	520	0.6	7.8	2.3	304	280	144	204	64.13	10.69	70.0	37.30	7.088	<0.4
	Oct	7.4	660	<1.0	7.5	2	424	408	148	292	76.95	24.30	160	22.80	16.488	<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
76. Nilasaila nagar, Nuapada (20.799722 N, 82.534722 E)	Apr	7.6	370	0.8	7.8	27	216	196	84	120	38.48	5.83	70.0	13.30	2.107	<0.4
	Oct	7.3	550	<1.0	7.5	140	336	320	96	220	49.70	23.33	120	38.40	6.705	<0.4
25. District : KANDHAMAL (2 stations)																
77. Solid Waste Management site, Phulbani (20.488169 N, 84.221928 E)	April	8.4	580	0.6	7.9	36	340	304	148	188	52.91	13.61	90.0	33.90	2.789	<0.4
	Oct	7.1	490	<1.0	11	5	292	264	196	188	52.91	13.61	60	10.10	2.082	<0.4
78. District Head Quarter Hospital, Phulbani (20.485736 N, 84.224717 E)	April	8.0	320	0.5	7.9	110	188	168	68	92	27.25	5.83	30.0	36.80	21.982	<0.4
	Oct	7.3	380	1.1	7.5	12	224	208	88	112	38.48	3.89	60	25.82	7.259	<0.4
26. District : PURI (5 stations)																
79. Hospital-Bus stand Mausima temple area, Puri (19.816944 N, 85.838056 E)	April	7.1	1081	0.9	7.8	6.8	736	716	284	292	62.52	33.05	249.9	43.90	3.727	<0.4
	Oct	8.0	1442	1.8	15	30	876	820	296	276	54.51	34.02	220	149.00	14.324	<0.4
80. Near Jagannath Temple, Puri (19.804444 N, 85.819167 E)	April	7.3	1545	0.7	7.8	3.4	1064	988	264	320	40.08	53.46	259.9	211.00	73.985	<0.4
	Oct	7.1	980	1.1	19	9	604	520	152	276	48.10	37.91	170	129.00	23.857	<0.4
81. Near Sea Beach, Puri (19.793611 N, 85.793611 E)	April	6.8	16400	0.7	7.8	3.5	14440	14100	168	4920	440.88	928.26	8495.8	702.50	18.999	<0.4
	Oct	7.3	1250	<1.0	7.5	5	793	720	216	412	120.24	27.22	220	150.00	22.568	<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, 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
82. Baliapanda, Puri (19.791667 N, 85.808333 E)	April	7.5	730	0.8	7.8	4.1	440	408	100	56	14.43	4.86	179.9	18.10	24.601	<0.4
	Oct	7.4	720	<1.0	7.5	9	444	404	96	124	33.67	9.72	120	104.50	15.475	<0.4
83. Chakratirtha Road	April	7.9	780	0.6	7.8	4.6	504	424	280	280	67.33	27.22	109.9	41.80	6.114	<0.4
	Oct	7.2	1390	<1.0	11	9	912	820	316	344	110.62	16.52	210	176.00	1.869	<0.4
27. District : RAYAGADA (2 stations)																
84. Kasturinagar, Rayagada (19.1825 N, 83.416111 E)	April	7.5	425	0.9	7.8	2.7	256	228	96	144	43.29	8.75	70.0	29.40	23.992	<0.4
	Oct	7.2	220	<1.0	7.5	5	148	132	76	104	27.25	8.75	20	17.90	20.818	<0.4
85. Within the premises of Badelapulama Temple, Rayagada (19.160833 N, 83.409167 E)	April	7.7	725	0.5	7.8	3.8	420	400	244	308	112.22	6.80	80.0	33.10	30.203	<0.4
	Oct	7.3	520	<1.0	7.5	2	352	308	232	248	75.35	14.58	70	16.70	5.361	<0.4
28. District : SAMBALPUR (3 stations)																
86. Near Panthanivas, Sambalpur (21.460386 N, 83.979989 E)	April	7.2	298	0.6	7.8	2.6	188	164	80	108	35.27	4.86	34.0	32.90	17.415	<0.4
	Oct	6.7	304	<1.0	12	7	208	188	88	128	41.68	5.83	60	12.60	6.798	<0.4
87. Near Railway station, Sambalpur (21.482917 N, 83.960086 E)	April	7.3	1342	0.8	7.8	2.1	924	880	320	640	192.38	38.88	219.9	191.00	37.023	<0.4
	Oct	6.8	810	<1.0	7.8	6	528	508	184	260	88.18	9.72	160	60.00	14.508	<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 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
88. Near VSS Medical College, Burla (21.500314 N, 83.885922 E)	April	7.2	640	0.4	7.8	1.9	468	420	328	280	94.59	10.69	70.0	28.90	2.107	<0.4
	Oct	6.6	710	<1.0	7.8	7	452	432	268	264	75.35	18.47	100	24.80	2.109	<0.4
29. District : SONEPUR (2 stations)																
89. District Head Quarter Hospital, Sonepur (20.84365 N, 83.906919 E)	April	7.8	640	0.9	7.8	2.9	412	392	280	200	65.73	8.75	46.0	37.50	11.022	<0.4
	Oct	7.3	840	<1.0	11	7	484	460	264	224	49.70	24.30	120	14.70	13.126	<0.4
90. Near Gundicha temple of Tentelghat, Sonepur (20.845244 N, 83.914717 E)	April	8.1	810	0.7	7.8	2.3	572	516	232	188	59.32	9.72	159.9	30.50	20.764	<0.4
	Oct	7.4	810	<1.0	7.5	1	476	440	304	224	57.72	19.44	80	29.40	20.495	<0.4
30. District : SUNDARGARH (2 stations)																
91. DDM Office Premises, Koira (21.911955 N, 85.255445 E)	April	7.1	176	0.6	7.9	3.3	112	88	64	72	19.24	5.83	6.0	28.70	2.034	<0.4
	Oct	6.9	90	<1.0	7.8	2	64	56	32	36	9.62	2.92	10	9.50	1.419	<0.4
92. Tensa Residential Area, Koira (21.871169 N, 85.161586 E)	April	7.2	231	0.8	7.9	6.3	140	120	96	96	27.25	6.80	6.0	25.20	3.215	<0.4
	Oct	6.8	275	<1.0	7.8	9	172	152	152	136	30.46	14.58	8	8.60	1.603	<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	3.92	0.28	0.018	86.40	3.52	<0.5	<0.002	0.011	0.00046	0.0017	0.004	0.009	0.008	0.016	0.170	<1.8	<1.8
	Oct	5.04	0.31	0.16	86.95	2.90	<0.5	0.007	0.019	0.00060	0.0014	0.011	0.008	0.009	0.020	1.039	<1.8	<1.8
2. NALCO township (20.8425 N, 85.148611 E)	April	5.04	0.25	0.047	36.37	2.04	<0.5	<0.002	0.008	0.00031	0.0009	0.008	0.010	0.007	0.018	0.715	<1.8	<1.8
	Oct	4.48	0.29	0.07	71.15	4.45	<0.5	0.009	0.012	0.00060	0.0018	0.002	0.009	0.006	0.017	3.106	<1.8	<1.8
Talcher (7 stations)																		
3. Mahanadi Coal Field Area (20.950278 N, 85.192222 E)	April	4.48	0.19	0.021	43.05	16.45	<0.5	0.021	0.034	0.00062	0.0017	0.010	0.012	0.016	0.011	0.055	<1.8	<1.8
	Oct	5.60	0.22	0.38	43.65	18.20	<0.5	0.007	0.010	0.00080	0.0017	0.014	0.007	0.018	0.010	8.946	<1.8	<1.8
4. Kaniha (21.08 N, 85.078333 E)	April	5.04	0.32	0.019	39.30	1.33	<0.5	0.017	0.032	0.00031	0.0006	0.003	0.013	0.006	0.007	0.065	<1.8	<1.8
	Oct	5.60	0.17	0.29	43.10	2.00	<0.5	0.005	0.014	0.00080	0.0011	0.005	0.007	0.006	0.009	4.299	<1.8	<1.8
5. Talcher town (20.9325 N, 85.200556 E)	April	3.36	0.28	0.015	6.08	3.76	<0.5	0.008	0.017	0.00031	0.0006	0.002	0.005	0.002	0.014	0.630	<1.8	<1.8
	Oct	3.36	0.19	0.18	28.20	6.00	<0.5	0.007	0.010	0.00040	0.0024	0.010	0.009	0.004	0.015	5.417	<1.8	<1.8
6. Meramund ali Area (20.802778 N, 85.304444 E)	April	4.48	0.35	0.043	55.20	1.84	<0.5	0.013	0.021	0.00046	0.0020	0.008	0.009	0.015	0.023	1.005	<1.8	<1.8
	Oct	3.92	0.25	0.36	31.00	2.50	<0.5	0.009	0.017	0.00080	0.0014	0.004	0.008	0.005	0.024	1.029	<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
7. Talcher Thermal Area (20.904444 N, 85.217222 E)	April	4.48	0.38	0.008	179.60	10.54	<0.5	0.017	0.029	0.00046	0.0021	0.008	0.009	0.011	0.014	0.300	<1.8	<1.8
	Oct	6.16	0.18	0.29	122.00	2.20	<0.5	0.005	0.010	0.00080	0.0007	0.008	0.008	0.004	0.011	6.113	1600	1600
8. Banarpal (20.8425 N, 85.214722 E)	April	3.92	0.21	0.017	45.45	5.50	<0.5	0.004	0.011	0.00046	0.0020	0.004	0.012	0.010	0.012	0.200	<1.8	<1.8
	Oct	3.92	0.25	0.10	71.10	5.80	<0.5	0.009	0.012	0.00060	0.0012	0.010	0.011	0.009	0.011	10.288	<1.8	<1.8
9. Kulad (20.838333 N, 85.166944 E)	April	5.6	1.19	0.014	69.50	1.91	<0.5	0.004	0.013	0.00031	0.0021	0.018	0.008	0.007	0.026	1.055	<1.8	<1.8
	Oct	3.36	1.19	0.06	75.30	2.10	<0.5	0.007	0.010	0.00060	0.0018	0.003	0.010	0.006	0.018	0.765	<1.8	<1.8
2. District : BALASORE (3 Stations)																		
10. Naigopalpur (21.577778 N, 86.832222 E)	April	4.48	0.16	0.011	28.55	1.63	<0.5	<0.002	0.008	0.00077	0.0006	0.004	0.005	0.009	0.005	0.670	<1.8	<1.8
	Oct	5.60	0.21	<0.05	7.21	1.21	0.52	0.003	0.019	0.00080	0.0009	0.002	0.002	0.004	0.008	0.055	<1.8	<1.8
11. Kuanrpur (21.573481 N, 86.8442 E)	April	4.48	4.92	0.019	76.05	2.45	<0.5	<0.002	0.019	0.00046	0.0011	0.002	0.007	0.008	0.007	0.395	<1.8	<1.8
	Oct	3.92	3.96	0.05	90.10	8.70	0.64	0.003	0.017	0.00060	0.0013	0.003	0.003	0.002	0.023	0.910	1600	170
12. Chakulia (21.5675 N, 86.844722 E)	April	3.92	0.15	0.023	30.22	2.19	<0.5	<0.002	0.015	0.00062	0.0009	0.002	0.014	0.006	0.015	0.460	<1.8	<1.8
	Oct	6.16	0.24	<0.05	52.10	4.00	<0.5	0.005	0.017	0.00060	0.0012	0.010	0.002	0.011	0.009	1.431	<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	0.48	0.007	29.70	2.54	<0.5	0.004	0.011	0.00031	0.0008	0.004	0.008	0.008	0.008	0.885	<1.8	<1.8
	Oct	2.24	0.25	<0.05	65.80	3.70	0.54	0.007	0.012	0.00060	0.0013	0.002	0.004	0.007	0.014	0.795	<1.8	<1.8
14. Salandi Hospital Premises, Bhadrak (21.070497 N, 86.496453E)	April	3.36	0.94	0.009	15.23	1.69	<0.5	<0.002	0.013	0.00046	<0.0005	0.002	0.014	0.011	0.007	0.160	<1.8	<1.8
	Oct	5.04	0.85	0.06	17.11	2.12	0.86	0.005	0.012	0.00060	0.0014	0.002	0.003	0.003	0.009	0.189	<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
4. District : BARGARH (2 stations)																		
15. Near Bargarh Govt. Hospital, Bargarh (21.335114 N, 83.616478 E)	April	5.04	0.30	0.035	71.15	2.45	<0.5	<0.002	0.013	0.00062	0.0010	0.012	0.008	0.011	0.031	2.950	<1.8	<1.8
	Oct	3.92	0.41	0.10	57.50	2.00	<0.5	0.005	0.017	0.00080	0.0016	0.005	0.010	0.002	0.028	0.641	<1.8	<1.8
16. Near Ganapati Hotel, Bargarh (21.349475 N, 83.642628 E)	April	3.36	0.19	0.021	134.20	17.70	<0.5	0.008	0.015	0.00046	0.0013	0.018	0.008	0.011	0.098	5.750	<1.8	<1.8
	Oct	2.80	0.18	0.10	132.60	14.50	<0.5	0.005	0.019	0.00040	0.0014	0.019	0.008	0.003	0.057	1.093	1600	1600
5. District : BALANGIR (2 stations)																		
17. Balangir Medical College, Balangir (20.704831 N, 83.452628 E)	Apr	3.92	0.43	0.092	116.00	2.83	<0.5	0.004	0.008	0.00062	0.0014	0.012	0.009	0.016	0.110	0.955	<1.8	<1.8
	Oct	3.36	0.29	0.09	114.90	3.80	<0.5	<0.002	0.010	0.00060	0.0018	0.004	0.007	0.006	0.105	0.114	<1.8	<1.8
18. Sudapada Post Office, Balangir (20.7077 N, 83.497211 E)	Apr	4.48	0.44	0.031	129.40	4.97	<0.5	0.006	0.011	0.00062	0.0014	0.015	0.008	0.016	0.128	6.250	<1.8	<1.8
	Oct	5.60	0.29	0.06	115.50	4.30	<0.5	<0.002	0.007	0.00040	0.0016	0.007	0.008	0.013	0.112	1.441	<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	0.35	0.142	111.75	2.88	<0.5	0.006	0.013	0.00062	0.0012	0.004	0.008	0.009	0.139	1.400	<1.8	<1.8
	Oct	3.36	0.35	0.11	59.30	4.90	<0.5	0.007	0.012	0.00060	0.0018	0.002	0.006	0.017	0.124	0.159	<1.8	<1.8
20. Butupali Chowk, Boudh (20.823619 N, 84.314531 E)	Apr	3.92	0.35	0.041	29.30	1.88	<0.5	0.004	0.008	0.00046	0.0016	0.004	0.009	0.011	0.098	0.800	<1.8	<1.8
	Oct	5.04	0.34	0.09	69.00	9.10	<0.5	0.002	0.005	0.00080	0.0017	0.004	0.008	0.019	0.091	0.850	<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
7. District : CUTTACK (5 stations)																		
21. Jagatpur (20.488889 N 85.929722 E)	Apr	3.92	0.30	0.066	40.35	2.15	<0.5	0.008	0.017	0.00031	0.0007	0.023	0.009	0.017	0.033	6.850	<1.8	<1.8
	Oct	3.36	0.26	0.22	60.30	2.80	<0.5	0.002	0.010	0.00040	0.0006	0.004	0.004	0.005	0.020	3.231	<1.8	<1.8
22. Mangalabag (20.473889 N 85.888056 E)	Apr	4.48	0.23	0.096	9.92	3.08	<0.5	0.011	0.017	0.00092	<0.0005	0.025	0.008	0.015	0.132	2.250	<1.8	<1.8
	Oct	2.24	0.18	0.11	9.50	3.00	<0.5	<0.002	0.017	0.00040	0.0008	0.003	0.010	0.004	0.073	3.578	<1.8	<1.8
23. Madhupatna- Kalyan Nagar Area (20.448611 N, 85.902778 E)	Apr	3.36	0.17	0.078	17.42	4.44	<0.5	0.011	0.019	0.00077	0.0005	0.024	0.007	0.015	0.102	7.750	<1.8	<1.8
	Oct	2.24	0.32	0.18	35.80	4.30	<0.5	0.005	0.017	0.00040	0.0007	0.005	0.005	0.006	0.045	4.746	<1.8	<1.8
24. Badambadi Area (20.458611 N, 85.880556 E)	Apr	3.92	0.21	0.043	51.00	12.00	<0.5	0.006	0.011	0.00092	0.0009	0.005	0.010	0.016	0.009	3.000	<1.8	<1.8
	Oct	3.36	0.17	0.20	55.40	4.54	<0.5	0.005	0.017	0.00060	0.0006	0.006	0.007	0.012	0.040	2.535	<1.8	<1.8
25. Bidanasi- Tulsipur Area (20.485278 N 85.784444 E)	Apr	3.92	0.29	0.048	9.09	1.46	<0.5	0.006	0.013	0.00046	0.0013	0.005	0.005	0.013	0.029	0.525	<1.8	<1.8
	Oct	3.92	0.28	0.15	9.80	1.90	<0.5	0.010	0.019	0.00060	0.0008	0.002	0.001	0.003	0.015	2.758	<1.8	<1.8
8. District : DHENKANAL (2 Stations)																		
26. Dhenkanal Daily Market (20.652689 N,85.5939 E)	April	3.92	0.31	0.030	20.36	1.49	<0.5	0.013	0.025	0.00062	0.0013	0.003	0.012	0.006	0.012	1.675	350	79
	Oct	5.04	0.34	0.13	23.50	1.80	<0.5	0.010	0.019	0.00080	0.0023	0.004	0.009	0.005	0.023	3.231	1600	1600
27. Gajaman UP School, Dhenkanal (20.594847 N,85.594847 E)	April	3.92	0.29	0.027	5.85	1.97	<0.5	0.008	0.015	0.00046	0.0012	0.020	0.008	0.012	0.175	3.400	<1.8	<1.8
	Oct	5.60	0.15	0.10	22.90	12.20	<0.5	0.010	0.017	0.00060	0.0022	0.006	0.009	0.009	0.151	2.386	<1.8	<1.8
9. District : DEOGARH (2 stations)																		
28. Govt. Medical Premises, Deogarh (21.534673 N, 84.730024 E)	April	5.04	0.20	0.022	39.07	3.43	<0.5	0.008	0.013	0.00062	0.0014	0.025	0.007	0.010	0.064	5.750	<1.8	<1.8
	Oct	3.92	0.06	0.08	38.21	4.04	<0.5	0.005	0.014	0.00080	0.0011	0.004	0.008	0.003	0.024	0.830	<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
29. Collector Office Premises, Deogarh (21.540146 N, 84.738194 E)	April	3.92	0.17	0.027	34.34	2.12	<0.5	<0.002	0.008	0.00077	0.0009	0.013	0.009	0.008	0.024	1.005	130	33
	Oct	4.48	0.20	0.10	10.28	2.43	<0.5	0.007	0.014	0.00060	0.0015	0.004	0.011	0.012	0.026	1.963	<1.8	<1.8
10. District : GAJAPATI (2 stations)																		
30. Near Municipal Solid Waste Dumpsite, Kellysahi (18.779461 N, 84.087447 E)	April	2.24	0.27	0.026	90.10	4.17	<0.5	<0.002	0.011	0.00092	0.0019	0.003	0.013	0.007	0.028	0.355	<1.8	<1.8
	Oct	3.36	0.35	0.06	99.80	2.70	<0.5	0.003	0.009	0.00060	0.0016	0.003	0.005	0.004	0.034	0.070	<1.8	<1.8
31. Inside the premises of DHH, Parala khemundi (18.771472 N, 84.096867 E)	April	5.04	0.28	0.028	14.73	2.43	<0.5	<0.002	0.008	0.00077	0.0018	0.005	0.011	0.009	0.183	4.050	<1.8	<1.8
	Oct	2.24	0.40	<0.05	56.60	2.70	0.56	0.007	0.015	0.00040	0.0017	0.002	0.010	0.003	0.161	0.114	<1.8	<1.8
11. District : GANJAM (4 stations)																		
BERHAMPUR																		
32. Near Railway station (19.296394N, 84.796825 E)	Apr	4.26	0.15	0.039	64.40	20.10	<0.5	0.011	0.015	0.00046	0.0008	0.014	0.009	0.010	0.071	0.330	<1.8	<1.8
	Oct	3.36	0.39	0.09	110.00	20.60	<0.5	0.007	0.005	0.00080	0.0013	0.003	0.008	0.004	0.060	1.332	<1.8	<1.8
33. MKCG Medical College (19.312522 N, 84.81025 E)	Apr	1.68	0.19	0.035	52.15	5.65	<0.5	0.006	0.015	0.00046	0.0010	0.004	0.007	0.011	0.088	0.560	79	33
	Oct	5.60	0.40	0.39	209.90	6.20	<0.5	0.007	0.009	0.00080	0.0017	0.020	0.007	0.015	0.079	9.518	<1.8	<1.8
34. Bus stand (19.312628 N, 84.802431 E)	Apr	2.8	0.31	0.071	101.50	2.50	<0.5	<0.002	0.011	0.00077	0.0014	0.004	0.007	0.010	0.126	5.600	<1.8	<1.8
	Oct	2.80	0.27	0.08	104.60	2.90	<0.5	0.002	0.005	0.00060	0.0015	0.004	0.010	0.012	0.110	12.997	920	110

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	
35.Badabazar (19.317317 N, 84.773611 E)	Apr	2.8	0.29	0.115	130.30	2.30	<0.5	<0.002	0.006	0.00062	0.0016	0.006	0.009	0.015	0.139	0.755	<1.8	<1.8	
	Oct	4.48	0.28	0.15	146.20	6.60	<0.5	0.003	0.005	0.00080	0.0013	0.011	0.009	0.013	0.120	0.408	<1.8	<1.8	
12. District : JAGATSINGHPUR (2 stations)																			
PARADEEP																			
36. Musadiha (20.320556 N, 86.663333 E)	Apr	3.36	0.33	0.045	74.95	6.40	<0.5	0.004	0.011	0.00092	0.0018	0.006	0.003	0.006	0.005	0.070	<1.8	<1.8	
	Oct	3.36	0.25	0.26	950.00	23.00	1.13	0.005	0.017	0.00060	0.0009	0.003	0.006	0.009	0.010	0.109	<1.8	<1.8	
37. Badapadia (20.266389 N, 86.658889 E)	Apr	2.8	0.31	0.097	490.00	90.00	<0.5	<0.002	0.011	0.00077	0.0014	0.010	0.004	0.005	0.001	0.045	<1.8	<1.8	
	Oct	2.24	0.39	0.33	475.50	8.50	1.49	0.011	0.017	0.00080	0.0014	0.004	0.003	0.003	0.005	0.244	<1.8	<1.8	
13. District : JAJPUR (4 stations)																			
SUKINDA																			
38. TISCO (21.027778 N, 85.746667 E)	April	Not Monitored																	
	Oct	2.24	0.15	0.10	13.20	1.05	<0.5	0.012	0.014	0.00080	0.0008	0.004	0.008	0.011	0.016	0.303	<1.8	<1.8	
39.Saruabil (21.057778 N, 85.811111 E)	April	3.92	0.18	0.022	11.65	2.83	<0.5	<0.002	0.011	0.00046	0.0008	0.004	0.005	0.004	0.021	2.100	<1.8	<1.8	
	Oct	3.92	0.15	0.14	12.71	2.57	<0.5	0.009	0.012	0.00060	0.0006	0.003	0.009	0.015	0.018	1.466	<1.8	<1.8	
40.Kaliapani (21.041389N, 85.770833 E)	April	4.48	0.15	0.019	5.96	1.80	<0.5	<0.002	0.006	0.00031	0.0009	0.004	0.013	0.013	0.068	9.600	<1.8	<1.8	
	Oct	4.48	0.24	0.08	5.66	1.06	<0.5	0.010	0.012	0.00080	0.0009	0.004	0.014	0.004	0.070	1.093	<1.8	<1.8	
41. Kamarda (21.063889 N, 85.845556 E)	April	3.36	0.34	0.015	6.03	1.16	<0.5	<0.002	0.008	0.00031	0.0008	0.002	0.008	0.005	0.028	14.800	<1.8	<1.8	
	Oct	3.92	0.23	0.15	5.91	1.35	<0.5	0.007	0.012	0.00040	0.0006	0.003	0.006	0.011	0.025	5.616	<1.8	<1.8	
14. District : JHARSUGUDA (8 stations)																			
42.Thekoloi (21.752186 N, 84.038278 E)	May	3.36	0.22	<0.05	21.57	3.17	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8	
	Oct	Not Monitored																	

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
43. Bhurkha Munda (21.813611 N, 84.024444 E)	April	2.24	0.28	0.048	22.99	1.74	<0.5	0.004	0.011	0.00092	0.0009	0.010	0.019	0.005	0.033	0.265	<1.8	<1.8
	Oct	3.36	0.15	0.06	22.18	1.93	<0.5	0.009	0.012	0.00060	0.0014	0.008	0.007	0.010	0.036	0.984	920	220
44. Badamal Industrial Estate (21.817778 N, 83.996944 E)	April	2.8	0.30	0.039	14.48	2.06	<0.5	0.004	0.008	0.00092	<0.0005	0.006	0.018	0.003	0.066	1.375	<1.8	<1.8
	Oct	4.48	0.18	0.09	21.84	1.69	<0.5	0.009	0.012	0.00060	0.0008	0.006	0.010	0.005	0.064	0.527	<1.8	<1.8
45. Budhipadar (21.860833 N, 83.9625 E)	April	3.36	0.36	0.031	5.58	1.54	<0.5	0.008	0.013	0.00077	<0.0005	0.003	0.009	0.013	0.258	4.150	<1.8	<1.8
	Oct	3.92	0.21	0.08	19.27	4.61	<0.5	0.007	0.010	0.00080	0.0008	0.004	0.009	0.005	0.223	0.164	<1.8	<1.8
46. Brajarajgar Mining Belt (21.855 N, 83.920833 E)	April	2.24	0.28	0.027	16.47	3.89	<0.5	<0.002	0.011	0.00062	<0.0005	0.026	0.018	0.008	0.066	2.150	<1.8	<1.8
	Oct	3.92	0.28	0.07	5.92	1.66	<0.5	0.007	0.014	0.00060	0.0014	0.013	0.007	0.015	0.062	8.946	<1.8	<1.8
47. Rampur (water tank) (21.79 N, 84.003333 E)	April	3.92	0.31	0.018	26.89	9.00	<0.5	<0.002	0.013	0.00077	0.0009	0.007	0.010	0.011	0.023	3.275	<1.8	<1.8
	Oct	5.60	0.18	0.07	30.03	11.50	<0.5	0.007	0.010	0.00080	0.0017	0.002	0.010	0.007	0.021	0.686	<1.8	<1.8
48. Ib thermal power station (21.688333 N, 83.863056 E)	April	2.8	0.27	0.015	14.43	5.53	<0.5	<0.002	0.008	0.00062	0.0012	0.006	0.016	0.008	0.222	0.395	<1.8	<1.8
	Oct	2.80	0.39	0.09	14.93	6.48	<0.5	0.010	0.012	0.00040	0.0015	0.020	0.008	0.011	0.201	6.113	<1.8	<1.8
49. Belpahar Area (21.825278 N, 83.848889 E)	April	4.48	0.33	0.053	6.15	2.81	<0.5	<0.002	0.008	0.00031	0.0005	0.004	0.007	0.007	0.006	0.320	<1.8	<1.8
	Oct	3.36	0.34	0.07	47.10	31.30	0.67	0.010	0.012	0.00060	0.0020	0.002	0.009	0.011	0.007	0.477	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO ₄ -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
15. District : KALAHANDI (2 stations)																		
50. Goshalpada Colony, Ward No. 7, Bhawanipatna (19.921667 N, 83.154722 E)	April	4.48	0.32	0.031	43.65	1.12	<0.5	<0.002	0.013	0.00092	0.0018	0.005	0.007	0.008	0.186	5.450	<1.8	<1.8
	Oct	3.92	0.39	0.05	80.30	1.80	<0.5	0.005	0.010	0.00080	0.0014	0.002	0.010	0.005	0.178	0.194	<1.8	<1.8
51.Sitabudipara Irrigation Colony Ward No. 17, Bhawanipatna (19.915833 N, 83.181667 E)	April	3.36	0.24	0.038	67.45	1.04	<0.5	0.004	0.013	0.00031	0.0016	0.005	0.014	0.008	0.176	3.700	<1.8	<1.8
	Oct	5.04	0.30	<0.05	92.50	1.60	<0.5	0.007	0.012	0.00080	0.0020	0.003	0.009	0.005	0.171	0.522	<1.8	<1.8
16. District : KEONJHAR (5 stations)																		
52. Joda East Iron Ore Mines (22.023889 N,85.431111 E)	April	2.8	0.28	0.015	9.67	1.82	<0.5	0.008	0.015	0.00046	0.0006	0.003	0.007	0.005	0.009	0.225	920	170
	Oct	2.24	0.42	0.06	5.91	1.03	<0.5	0.003	0.007	0.00040	0.0008	0.002	0.002	0.015	0.008	1.829	<1.8	<1.8
53. Joda West Mn Mines of M/s Tata Steel Ltd. (21.990556 N, 85.398472 E)	April	3.36	0.14	0.019	6.05	1.66	<0.5	0.008	0.015	0.00092	0.0010	0.003	0.008	0.006	0.009	0.195	<1.8	<1.8
	Oct	3.92	0.39	0.07	5.84	3.88	<0.5	0.003	0.007	0.00060	0.0007	0.004	0.002	0.009	0.012	0.129	<1.8	<1.8
54. Balda Block Iron ore mines of M/s Sirajuddin (21.877219 N, 85.408561 E)	April	3.92	0.18	0.012	5.79	1.67	<0.5	0.006	0.013	0.00062	0.0014	0.003	0.003	0.005	0.010	0.070	<1.8	<1.8
	Oct	3.36	0.29	0.07	5.61	1.03	<0.5	0.005	0.009	0.00080	0.0009	0.014	0.003	0.003	0.016	1.103	<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
55. Roida-II Iron ore mines of M/s K.N. Ram and Co (22.039497 N,85.369317 E)	April	2.24	0.32	0.025	5.66	1.67	<0.5	0.006	0.011	0.00062	0.0010	0.003	0.017	0.009	0.010	0.065	<1.8	<1.8
	Oct	4.48	0.24	0.11	5.68	1.04	<0.5	0.005	0.017	0.00080	0.0008	0.003	0.004	0.003	0.012	0.388	<1.8	<1.8
56. Thakurani Iron ore mines of M/s Kaypee Enterprises (22.110639 N, 85.429278 E)	April	3.92	0.39	0.023	5.69	1.62	<0.5	<0.002	0.015	0.00062	0.0012	0.005	0.015	0.009	0.007	0.020	<1.8	<1.8
	Oct	3.36	0.30	0.13	5.84	1.08	<0.5	0.009	0.015	0.00080	0.0009	0.003	0.003	0.002	0.005	0.711	<1.8	<1.8
17. District : KENDRAPARA (2 stations)																		
57.Court Chhack, Kendrapada (20.5025 N, 86.424722 E)	April	2.24	0.29	0.021	62.70	9.70	<0.5	0.004	0.011	0.00062	0.0006	0.002	0.005	0.004	0.001	9.400	<1.8	<1.8
	Oct	3.92	0.25	0.12	216.50	20.50	<0.5	0.009	0.010	0.00080	0.0008	0.004	0.005	0.010	0.005	0.711	<1.8	<1.8
58. Hazaribagicha (20.51 N, 86.430556 E)	April	3.92	0.27	0.032	15.51	1.08	<0.5	0.008	0.015	0.00077	0.0008	0.003	0.006	0.003	0.001	0.465	<1.8	<1.8
	Oct	5.04	0.33	0.46	302.00	17.00	<0.5	0.009	0.003	0.00060	0.0007	0.004	0.002	0.006	0.069	0.025	<1.8	<1.8
18. District : KHORDHA (6 stations)																		
BHUBANESWAR																		
59. Khandagiri Area (20.258611 N 85.789444 E)	April	2.8	0.30	0.042	26.25	8.59	<0.5	0.008	0.017	0.00046	0.0006	0.002	0.006	0.006	0.022	2.381	<1.8	<1.8
	Oct	3.92	0.24	0.42	22.52	17.00	<0.5	0.015	0.019	0.00040	0.0012	0.040	0.004	0.012	0.026	5.268	<1.8	<1.8
60. Old town-Samantarapur Area (20.228333 N, 85.840833 E)	April	3.92	0.26	0.042	32.25	16.30	<0.5	<0.002	0.008	0.00031	0.0008	0.005	0.009	0.006	0.014	2.975	<1.8	<1.8
	Oct	5.60	0.24	0.22	22.32	16.00	<0.5	0.015	0.014	0.00080	0.0005	0.005	0.008	0.008	0.023	0.795	<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	
61. Kalpana-Laxmisagar Area (20.268333 N, 85.855 E)	April	4.48	0.25	0.023	39.79	8.67	<0.5	<0.002	0.013	0.00062	<0.0005	0.006	0.006	0.010	0.108	5.560	<1.8	<1.8	
	Oct	4.48	0.12	0.44	37.53	8.16	<0.5	0.012	0.017	0.00060	0.0013	0.004	0.007	0.013	0.094	0.910	<1.8	<1.8	
62. Chandra sekharpur (20.310278 N, 85.833889 E)	April	5.04	0.33	0.022	29.17	3.85	<0.5	0.008	0.017	0.00031	<0.0005	0.002	0.005	0.011	0.015	6.300	280	130	
	Oct	3.36	0.14	0.41	5.84	1.02	<0.5	0.005	0.019	0.00080	0.0019	0.037	0.005	0.010	0.014	1.963	<1.8	<1.8	
63. Capital Hospital Area (20.261944 N, 85.821389 E)	April	7.28	0.31	0.026	41.50	8.49	<0.5	0.008	0.021	0.00046	0.0017	0.017	0.008	0.009	0.125	5.050	<1.8	<1.8	
	Oct	5.04	0.15	0.09	37.70	7.20	<0.5	0.010	0.017	0.00080	0.0013	0.007	0.007	0.018	0.142	1.252	<1.8	<1.8	
64. Secretariate Governor House-Old bus stand Area (20.266944 N, 85.818889 E)	April	3.36	0.28	0.031	31.69	7.78	<0.5	0.006	0.017	0.00046	0.0006	0.007	0.009	0.006	0.114	0.725	<1.8	<1.8	
	Oct	3.92	0.40	0.42	17.21	12.65	<0.5	0.012	0.015	0.00060	0.0011	0.005	0.009	0.013	0.097	0.999	<1.8	<1.8	
19. District : KORAPUT (2 stations)																			
65. Jagannath Temple, Koraput (18.810556 N, 82.710278 E)	April	3.36	0.22	0.008	5.84	1.49	<0.5	<0.002	0.011	0.00077	0.0011	0.004	0.004	0.004	0.180	4.600	<1.8	<1.8	
	Oct	5.60	0.26	0.28	20.00	1.09	<0.5	0.007	0.005	0.00080	0.0011	0.003	0.003	0.014	0.206	3.703	540	79	
66. Bada Chindri, Koraput (18.8125 N, 82.728333 E)	April	3.92	0.23	0.024	19.61	10.11	<0.5	<0.002	0.008	0.00092	0.0015	0.004	0.011	0.015	0.182	11.550	<1.8	<1.8	
	Oct	4.48	0.25	0.32	15.41	9.91	<0.5	0.003	0.003	0.00080	0.0011	0.007	0.009	0.005	0.196	3.330	<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	4.48	0.27	0.018	7.49	1.58	<0.5	0.004	0.011	0.00046	0.0006	0.015	0.009	0.010	0.180	2.375	<1.8	<1.8
	Oct	3.92	0.27	<0.05	8.89	1.11	<0.5	0.007	0.014	0.00080	0.0023	0.001	0.009	0.005	0.161	3.255	<1.8	<1.8
68. Dhangidimula Village, Sukribating Basti (22.093492 N, 86.110036 E)	April	3.92	0.17	0.015	15.83	3.42	<0.5	0.008	0.015	0.00031	<0.0005	0.004	0.006	0.005	0.049	1.020	<1.8	<1.8
	Oct	4.48	0.29	0.06	17.23	4.14	<0.5	0.005	0.010	0.00080	0.0010	0.002	0.004	0.003	0.042	0.666	<1.8	<1.8
21. District : MALKANGIRI (2 stations)																		
69. MV 43, Malkanigiri (18.323333 N, 81.876111 E)	April	5.04	0.15	0.009	22.60	1.17	<0.5	<0.002	0.006	0.00077	0.0013	0.003	0.009	0.006	0.038	10.225	<1.8	<1.8
	Oct	3.36	0.27	0.82	20.40	1.28	<0.5	0.005	0.002	0.00080	0.0008	0.010	0.007	0.006	0.029	3.305	<1.8	<1.8
70. Tekbadi of Netaji nagar, Malkanigiri (18.353611 N, 81.884722 E)	April	2.8	0.19	0.026	59.60	2.03	<0.5	<0.002	0.011	0.00077	0.0011	0.003	0.008	0.005	0.034	2.200	<1.8	<1.8
	Oct	3.92	0.27	0.08	55.30	3.30	<0.5	0.005	0.002	0.00060	0.0010	0.012	0.003	0.003	0.027	3.504	1600	220
22. District : NAWARANGPUR (2 stations)																		
71. Tota guda, Nawarangpur (19.248056 N, 82.543333 E)	April	2.24	0.17	0.015	5.91	2.65	<0.5	<0.002	0.017	0.00031	0.0009	0.016	0.005	0.003	0.024	6.600	<1.8	<1.8
	Oct	2.24	0.15	0.07	6.04	5.26	<0.5	0.005	0.002	0.00080	0.0005	0.007	0.004	0.005	0.026	1.928	<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	
72. Gabraliguda, Nawarangpur (19.241667 N, 82.538056 E)	April	4.48	0.28	0.039	36.18	2.19	<0.5	0.013	0.021	0.00062	0.0013	0.003	0.012	0.010	0.028	1.145	<1.8	<1.8	
	Oct	3.92	0.17	0.08	34.42	2.21	<0.5	0.007	0.009	0.00060	0.0016	0.004	0.010	0.017	0.030	1.680	<1.8	<1.8	
23. District : NAYAGARH (2 stations)																			
73. Near Solid Waste dumpsite, Nayagarh (20.123133 N, 85.103842 E)	Apr	3.36	0.25	0.052	79.30	13.00	<0.5	0.008	0.015	0.00031	0.0009	0.002	0.010	0.009	0.077	0.455	<1.8	<1.8	
	Oct	3.36	0.37	0.09	60.20	2.10	<0.5	0.005	0.014	0.00040	0.0010	0.002	0.005	0.004	0.068	0.711	1600	1600	
74. Inside District Medical campus, Nayagarh (20.126944 N, 85.106389 E)	Apr	4.48	0.19	0.041	81.50	10.00	<0.5	0.008	0.017	0.00046	0.0011	0.015	0.010	0.016	0.084	0.950	<1.8	<1.8	
	Oct	2.24	0.27	0.10	293.40	4.20	<0.5	0.003	0.009	0.00040	0.0010	0.007	0.008	0.010	0.076	1.163	<1.8	<1.8	
24. District : NUAPADA (2 stations)																			
75. Nuapada Govt. Hospital, Nuapada (20.805833 N, 82.533611 E)	April	5.04	0.24	0.359	29.64	1.79	<0.5	0.006	0.008	0.00092	<0.0005	0.004	0.008	0.007	0.024	1.155	350	49	
	Oct	4.48	0.28	0.22	41.00	1.40	<0.5	0.010	0.019	0.00040	0.0024	0.001	0.007	0.008	0.023	0.199	49	49	
76. Nilasaila nagar, Nuapada (20.799722 N, 82.534722 E)	April	3.92	0.19	0.033	30.32	1.45	<0.5	0.008	0.013	0.00031	0.0011	0.017	0.013	0.007	0.126	6.400	350	130	
	Oct	5.60	0.29	0.09	35.30	1.80	<0.5	0.009	0.015	0.00060	0.0024	0.020	0.010	0.007	0.117	0.209	<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. District : KANDHAMAL (2 stations)																		
77. Solid Waste Management site, Phulbani (20.488169 N, 84.221928 E)	April	6.72	0.30	0.106	46.95	6.00	<0.5	0.008	0.013	0.00062	0.0006	0.011	0.006	0.009	0.138	3.425	<1.8	<1.8
	Oct	4.48	0.34	0.07	31.30	2.30	<0.5	0.005	0.012	0.00020	0.0006	0.002	0.003	0.009	0.125	1.272	<1.8	<1.8
78. District Head Quarter Hospital, Phulbani (20.485736 N, 84.224717 E)	April	3.36	0.32	0.119	26.02	2.02	<0.5	<0.002	0.008	0.00046	0.0013	0.010	0.007	0.011	0.146	2.400	<1.8	<1.8
	Oct	3.36	0.26	0.11	28.70	7.40	<0.5	0.010	0.014	0.00040	0.0008	0.007	0.006	0.007	0.158	6.063	<1.8	<1.8
26. District : PURI (5 stations)																		
79. Hospital-Bus stand Mausima temple area, Puri (19.816944 N, 85.838056 E)	April	4.48	0.28	0.021	147.60	23.45	<0.5	0.006	0.008	0.00046	0.0009	0.001	0.010	0.004	0.133	1.450	220	79
	Oct	2.80	0.29	0.06	179.15	43.75	<0.5	0.010	0.012	0.00080	0.0009	0.001	0.009	0.005	0.116	0.224	<1.8	<1.8
80. Near Jagannath Temple, Puri (19.804444 N, 85.819167 E)	April	3.36	0.29	0.032	185.40	106.20	<0.5	0.017	0.034	0.00046	0.0015	0.011	0.009	0.009	0.006	0.895	<1.8	<1.8
	Oct	5.04	0.34	0.52	96.85	20.10	<0.5	0.005	0.009	0.00040	0.0009	0.003	0.009	0.007	0.006	2.510	<1.8	<1.8
81. Near Sea Beach, Puri (19.793611 N, 85.793611 E)	April	3.92	0.39	0.029	3497.50	256.50	<0.5	0.021	0.029	0.00062	0.0016	0.014	0.009	0.008	0.002	1.825	<1.8	<1.8
	Oct	3.36	0.17	0.08	98.30	34.65	<0.5	0.005	0.009	0.00060	0.0009	0.002	0.008	0.006	0.003	0.204	<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
82. Baliapanda, Puri (19.791667 N, 85.808333 E)	April	5.6	0.36	0.024	140.00	9.56	<0.5	0.021	0.032	0.00031	0.0010	0.005	0.003	0.003	0.129	2.250	<1.8	<1.8
	Oct	3.36	0.26	0.08	102.75	11.50	<0.5	0.007	0.014	0.00080	0.0008	0.002	0.008	0.002	0.110	2.147	<1.8	<1.8
83. Chakratirtha Road	April	3.92	0.28	0.010	57.70	21.00	<0.5	0.023	0.032	0.00062	0.0016	0.004	0.009	0.006	0.070	2.425	<1.8	<1.8
	Oct	3.16	0.31	0.85	166.75	32.70	<0.5	0.005	0.009	0.00060	0.0016	0.004	0.007	0.004	0.062	1.948	<1.8	<1.8
27. District : RAYAGADA (2 stations)																		
84. Kasturinagar, Rayagada (19.1825 N, 83.416111 E)	April	3.36	0.17	0.010	32.25	5.67	<0.5	0.015	0.021	0.00092	0.0013	0.002	0.012	0.005	0.016	0.880	<1.8	<1.8
	Oct	3.92	0.39	0.05	14.15	1.74	<0.5	0.005	0.010	0.00080	0.0008	0.002	0.009	0.006	0.012	0.214	<1.8	<1.8
85. Within the premises of Badelapulama Temple, Rayagada (19.160833 N, 83.409167 E)	April	4.48	0.25	0.015	31.28	2.58	<0.5	0.008	0.015	0.00046	0.0017	0.006	0.012	0.013	0.023	0.165	<1.8	<1.8
	Oct	4.48	0.35	<0.05	31.66	2.39	<0.5	0.005	0.010	0.00080	0.0016	0.002	0.009	0.005	0.021	0.542	<1.8	<1.8
28. District : SAMBALPUR (3 stations)																		
86. Near Panthanivas, Sambalpur (21.460386 N, 83.979989 E)	April	3.36	0.35	0.029	21.03	3.72	<0.5	<0.002	0.008	0.00046	0.0007	0.008	0.006	0.009	0.067	6.800	<1.8	<1.8
	Oct	5.04	0.20	0.06	60.20	1.50	<0.5	0.007	0.010	0.00060	0.0011	0.001	0.008	0.002	0.011	0.239	<1.8	<1.8
87. Near Railway station, Sambalpur (21.482917 N, 83.960086 E)	April	3.92	0.21	0.017	71.60	3.95	<0.5	<0.002	0.011	0.00031	0.0015	0.007	0.008	0.010	0.016	0.255	540	220
	Oct	6.16	0.29	0.07	86.00	3.70	<0.5	0.007	0.012	0.00040	0.0016	0.002	0.007	0.002	0.017	0.324	<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
88. Near VSS Medical College, Burla (21.500314 N, 83.885922 E)	April	2.8	0.33	0.014	58.30	1.61	<0.5	0.004	0.008	0.00062	0.0008	0.007	0.007	0.005	0.007	0.700	<1.8	<1.8
	Oct	5.60	0.12	0.08	20.60	3.60	<0.5	0.010	0.019	0.00080	0.0011	0.004	0.009	0.003	0.040	4.001	<1.8	<1.8
29. District : SONEPUR (2 stations)																		
89. District Head Quarter Hospital, Sonepur (20.84365 N, 83.906919 E)	April	5.04	0.36	0.092	44.85	35.20	<0.5	0.008	0.015	0.00062	0.0014	0.005	0.009	0.008	0.094	0.990	240	79
	Oct	2.24	0.29	0.08	61.70	45.90	<0.5	0.010	0.009	0.00060	0.0011	0.002	0.007	0.018	0.101	0.388	350	240
90. Near Gundicha temple of Tentelghat, Sonepur (20.845244 N, 83.914717 E)	April	3.92	0.38	0.196	82.05	80.90	<0.5	0.008	0.013	0.00046	0.0012	0.005	0.011	0.006	0.057	0.800	<1.8	<1.8
	Oct	3.92	0.14	0.17	68.70	28.50	<0.5	0.007	0.007	0.00080	0.0012	0.005	0.007	0.020	0.056	4.026	1600	1600
30. District : SUNDARGARH (2 stations)																		
91. DDM Office Premises, Koira (21.911955 N, 85.255445 E)	April	4.48	0.18	0.019	5.77	1.27	<0.5	<0.002	0.006	0.00046	0.0014	0.001	0.007	0.004	0.010	0.120	<1.8	<1.8
	Oct	5.60	0.43	0.10	5.93	1.80	<0.5	0.005	0.019	0.00040	0.0006	0.001	0.009	0.005	0.007	1.173	<1.8	<1.8
92. Tensa Residential Area, Koira (21.871169 N, 85.161586 E)	April	3.92	0.27	0.071	6.32	1.64	<0.5	0.008	0.013	0.00077	<0.0005	0.003	0.007	0.004	0.138	0.490	<1.8	<1.8
	Oct	3.36	0.11	0.09	6.00	1.78	<0.5	0.007	0.010	0.00080	0.0012	0.005	0.008	0.005	0.162	6.063	<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