

Monitoring Station	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/l	COD, mg/l	Turbidity, NTU	TDS, mg/l	TFS	Total Alkalinity, 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
1. ANGUL (2 stations)																
1. Angul Township	April	7.5	1373	0.1	9.7	0.5	735	732	248	292	84.2	19.9	206.89	98.9	49.209	<0.056
	Oct	7.7	1369	0.8	5.0	4	728	702	234	232	57.7	21.4	210.8	84.32	85.190	0.110
2. NALCO township	April	8.2	363	0.2	3.9	0.4	206	189	124	124	33.7	9.7	28.98	19.4	4.596	<0.056
	Oct	7.9	483	0.5	1.7	0.5	261	246	200	176	43.3	16.5	28.98	20.15	1.471	0.056
2. BALASORE (3 stations)																
3. Naigopalpur	April	6.1	1125	0.4	18.2	14	680	622	56	46	12.8	3.4	359.82	4.9	39.729	<0.056
	Oct	8.0	105	0.2	6.7	1.5	62	51	32	36	10.4	2.4	5.99	8.83	0.857	0.340
4. Kuanrpur	April	7.0	1203	0.4	16.5	10	689	635	42	30	9.6	1.5	359.82	12.3	6.334	<0.056
	Oct	8.4	376	0.6	6.7	0.2	202	183	98	100	27.3	7.8	43.9	18.15	1.041	0.560
5. Chakulia	April	6.0	1045	0.1	16.5	8.9	702	642	96	124	32.1	10.7	339.83	21.3	44.436	<0.056
	Oct	7.9	510	0.6	1.7	0.9	279	246	100	148	36.9	13.6	63.9	46.01	13.916	<0.056
3. BERHAMPUR (4 stations)																
6. Near Railway station	May	7.6	1022	0.9	5.8	0.8	556	542	268	248	41.7	35.0	142.9	44.4	42.166	0.280
	Oct	7.7	1169	0.3	3.4	2.4	732	688	296	260	70.5	20.4	198.9	57.34	79.763	0.056
7. MKCG Medical College	May	8.1	548	0.8	3.9	1.3	342	334	108	110	31.3	7.8	113.9	33.7	1.597	0.056
	Oct	8.0	780	0.4	6.7	2.5	421	387	180	174	40.9	17.5	109.9	40.54	0.997	<0.056
8. Bus stand	May	8.1	1068	0.6	5.8	2.1	612	588	270	224	44.1	27.7	185.9	38.68	1.648	0.056
	Oct	7.9	1155	0.6	3.4	1.5	680	624	292	238	60.1	21.4	187.9	55.72	16.811	<0.056
9. Badabazar	May	7.6	982	0.7	5.8	6.6	578	547	232	224	44.9	27.2	177.9	36.07	47.314	0.056
	Oct	7.5	1467	0.1	1.7	1.2	703	682	304	310	84.2	24.3	169.9	90.67	13.876	<0.056
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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Stn Name	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/l	COD, mg/l	Turbidity, NTU	TDS, mg/l	TFS	Total Alkalinity, 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
4. BHUBANESWAR (6 stations)																
10. Khandagiri Area	April	7.6	904	1.4	6.6	40	592	602	120	138	39.3	9.7	261.86	6.7	28.942	0.112
	Oct	7.0	236	1.6	6.7	24	138	102	38	42	12.8	2.4	39.98	16.79	0.590	0.670
11. Old town-Samantarapur Area	April	7.5	660	0.7	6.6	2.9	346	328	196	170	52.1	9.7	70.96	20.6	14.388	0.056
	Oct	7.4	550	1.1	6.7	5.5	328	297	172	178	41.7	18.0	59.98	17.28	9.236	0.220
12. Kalpana-Laxmisagar Area,	April	5.3	140	0.2	3.3	28	86	98	16	30	8.8	1.9	26.98	21.3	31.782	<0.056
	Oct	6.3	65	0.7	5.0	4.1	39	31	10	26	7.2	1.9	3.99	47.51	9.972	0.220
13. Chandra sekharpur	April	7.5	285	1.5	16.5	1.7	158	142	72	82	22.4	6.3	32.98	3.1	41.878	<0.056
	Oct	6.5	69	0.7	5.0	19	38	29	8	24	6.4	1.9	3.99	8.45	1.429	0.110
14. Capital Hospital Area	April	7.6	267	0.1	3.3	2.6	141	118	56	64	16.0	5.8	32.98	12.1	27.575	<0.056
	Oct	6.7	254	0.3	5.0	17.8	141	129	44	54	16.0	3.4	29.98	8.95	1.636	0.450
15. Secretariate-Govenor House-Old bus stand Area	April	7.7	207	0.7	5.0	0.8	114	89	32	38	12.8	1.5	31.98	13.2	22.681	0.056
	Oct	6.9	209	0.3	3.4	4.8	119	89	30	40	12.8	1.9	29.98	34.7	13.609	<0.056
5. CUTTACK (6 stations)																
16. Jagatpur	April	7.8	767	0.4	1.9	1	428	418	104	148	44.1	9.2	106.95	100.1	18.836	<0.056
	Oct	8.4	541	0.5	8.4	2.3	302	298	128	88	26.5	5.3	84.95	17.28	1.005	0.110
17. Mangalabag	April	8.3	362	0.1	3.7	1.8	202	186	144	152	44.9	9.7	25.98	8.5	19.197	0.056
	Oct	8.3	576	0.4	8.4	1.5	310	280	144	156	40.1	13.6	69.9	33.95	0.730	0.110

18. Madhupatna-Kalyan Nagar Area	April	7.1	405	0.1	1.9	2.2	252	228	156	146	41.7	10.2	49.97	13	4.220	<0.056
	Oct	7.9	393	0.6	5.0	0.5	219	189	116	110	25.7	11.2	44.97	15.29	28.858	0.056

Stn Name	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/l	COD, mg/l	Turbidity, NTU	TDS, mg/l	TFS	Total Alkalinity, 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
19. Badambadi Area	April	7.6	639	0.7	1.9	10	342	342	198	166	51.3	9.2	67.96	28.9	1.230	<0.056
	Oct	8.4	327	1.3	5.0	0.5	167	156	122	106	28.9	8.3	24.98	1.74	4.560	0.056
20. Bidanasi-Tulsipur Area	April	7.7	207	0.2	1.9	0.7	115	98	84	88	27.3	4.9	6.99	10.1	12.085	<0.056
	Oct	8.3	147	0.5	6.7	1.2	83	76	60	56	16.0	3.9	9.99	2.24	2.095	0.056
6. JAGATSINGHPUR (2 stations)																
21. Musadiha	April	8.3	3543	0.5	6.6	0.5	2380	2330	264	396	54.5	63.2	1299.35	9.1	9.106	<0.056
	Oct	8.3	2491	0.7	10.1	1.3	1440	1370	206	186	58.5	9.7	719.6	13.73	11.082	0.110
22. Badapadia	April	8.3	1824	1.7	8.3	0.7	1120	987	304	294	31.3	52.5	499.75	10	7.248	0.112
	Oct	8.2	1925	1.6	8.4	0.2	1120	1010	408	206	56.1	16.0	419.8	14.33	9.726	0.280
7. JAJPUR (4 stations)																
23. TISCO	April	8.1	245	0.1	5.0	0.5	142	113	116	106	16.8	15.6	13.99	5	11.198	0.056
	Oct	7.8	332	0.8	6.7	3.1	178	148	124	116	29.7	10.2	22.9	12.31	15.044	0.056
24. Saruabil	April	7.6	270	0.1	5.0	25	148	149	96	92	12.0	15.1	25.98	5.2	17.948	0.056
	Oct	7.4	317	0.4	3.4	2.2	188	158	112	100	27.3	7.8	31.98	14.05	19.277	<0.056
25. Kaliapani	April	7.5	166	0.1	5.0	7	98	88	78	78	12.0	11.7	7.99	6.1	1.435	0.056
	Oct	8.4	115	0.7	1.7	3.4	65	47	48	50	16.0	2.4	3.99	7.21	1.032	<0.056
26. Kamarda	April	8.5	381	0.1	6.8	0.2	242	222	244	224	32.1	35.0	10.99	3.7	10.015	0.056
	Oct	7.6	193	0.7	1.7	2.7	121	101	94	90	25.7	6.3	9.99	9.57	1.487	0.110
8. JHARSUGUDA (8 stations)																
27. Thelkoi	April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Oct	7.8	138	0.3	1.5	0.5	84	66	42	38	11.2	2.4	12.76	10.23	9.991	0.056
28. Bhurkhamunda	April	7.7	180	1.0	7.8	1.2	102	88	56	48	12.8	3.9	19.99	2.5	19.783	0.056
	Oct	7.9	142	0.4	1.7	0.7	88	71	48	42	12.0	2.9	13.99	10.94	9.254	0.056
29. Badamani Industrial Estate	April	7.3	143	1.5	7.8	4.3	76	68	36	40	11.2	2.9	13.99	1.4	18.172	0.056
	Oct	7.7	133	0.5	6.7	1.3	74	59	40	34	9.6	2.4	9.99	13.18	1.758	<0.056

30. Budhipadar	April	7.3	114	0.5	1.9	3.9	68	49	40	36	12.0	1.5	8.99	3	13.603	0.056
	Oct	7.6	143	0.6	5.0	0.6	78	64	36	32	10.4	1.5	12.99	11.32	11.276	<0.056
31. Brajarajnar Mining Belt	April	7.1	146	1.6	13.6	54	98	92	62	62	16.8	4.9	12.99	8.5	3.609	<0.056
	Oct	7.5	351	1.5	11.7	5.8	191	178	100	112	29.7	9.2	26.98	34.2	1.134	<0.056

Stn Name	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/l	COD, mg/l	Turbidity, NTU	TDS, mg/l	TFS	Total Alkalinity, 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
32. Rampur (water tank)	April	7.8	307	0.1	7.8	11	185	176	116	98	27.3	7.3	37.98	4	2.402	<0.056
	Oct	8.2	330	1.2	3.4	1	172	147	96	94	25.7	7.3	27.98	17.78	10.849	<0.056
33. Ib thermal power station	April	7.9	315	0.1	11.7	33	171	179	148	128	41.7	5.8	11.99	3.6	1.791	<0.056
	Oct	7.1	269	0.8	8.4	7.8	152	121	66	68	19.2	4.9	37.98	10.32	16.869	<0.056
34. Belpahar Area	April	7.4	414	1.5	5.8	78	236	232	134	138	35.3	12.2	43.97	24.3	3.535	<0.056
	Oct	8.6	526	0.8	8.4	8.1	322	278	156	170	52.9	9.2	55.97	57.58	5.009	<0.056
9. PURI (4 stations)																
35. Hospital- Busstand- Mausima temple area	April	7.9	1205	1.5	9.0	11	669	686	248	204	40.1	25.3	224.88	40.8	18.080	0.056
	Oct	7.5	1020	1.9	15.1	3.8	680	642	254	264	56.1	30.1	184.9	95.64	28.408	<0.056
36. Near Jagannath Temple	April	7.9	1257	0.3	5.4	1.2	716	692	140	172	43.3	15.6	299.85	47.6	46.781	<0.056
	Oct	7.5	1138	1.2	6.7	3.6	726	688	252	226	56.1	20.9	204.9	87.56	17.388	<0.056
37. Near Sea Beach,	April	7.9	1247	0.2	5.4	0.6	759	752	244	300	76.2	26.7	239.9	97.0	2.691	<0.056
	Oct	7.1	19840	0.5	16.8	20	12920	12580	160	2400	288.6	408.3	6996.5	621.89	0.505	<0.056
38. Baliapanda	April	7.9	486	0.2	5.4	0.7	265	234	46	28	6.4	2.9	124.94	6.2	1.366	<0.056
	Oct	8.0	286	1.0	11.7	4.1	162	148	44	36	11.2	1.9	44.9	29.97	2.469	<0.056
10. SAMBALPUR (3 stations)																
39. Near Panthanivas	April	8.1	379	0.5	5.8	3.2	254	218	132	128	36.9	8.7	50.97	29.6	19.693	0.056
	Oct	7.7	687	0.5	6.7	2.5	378	348	180	224	52.9	22.4	63.9	75.24	7.031	<0.056
40. Near Railway station	April	7.7	1867	1.1	5.8	0.2	952	932	268	400	104.2	34.0	304.84	131.8	50.533	0.056
	Oct	7.8	359	0.4	3.4	3.4	220	198	90	118	39.3	4.9	48.9	28.85	16.745	0.110
41. Near VSS Medical College, Burla	April	7.8	507	0.9	5.8	0.2	279	278	108	120	25.7	13.6	71.96	40.7	3.108	<0.056
	Oct	7.7	657	0.2	6.7	2.4	389	375	188	222	51.3	22.8	60.9	79.35	3.993	<0.056
11. TALCHER (7 stations)																
42. Mahanadi Coal Field Area	April	7.8	642	1.0	7.8	49	376	93	74	144	30.5	16.5	99.95	87.9	33.219	<0.056
	Oct	7.6	648	1.6	8.4	31	385	54	168	202	48.9	19.4	77.9	72.76	7.744	<0.056
43. Kaniha	April	8.2	271	0.5	9.7	0.2	159	3	124	104	33.7	4.9	11.99	6	1.138	<0.056
	Oct	7.9	503	0.6	1.7	0.6	279	6	236	204	48.1	20.4	23.98	17.78	0.870	<0.056

Stn Name	Month of Monitoring	pH	Cond., µS/cm	BOD, mg/l	COD, mg/l	Turbidity, NTU	TDS, mg/l	TFS	Total Alkalinity, 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
44. Talcher town	April	7.7	690	0.1	5.8	7.6	426	22	154	172	52.9	9.7	85.95	82.8	44.997	0.056
	Oct	7.9	834	1.2	8.4	4.6	446	12	206	243	59.3	23.1	81.95	79.72	0.915	<0.056
45. Meramundali Area	April	7.9	699	0.1	5.8	0.1	414	4	202	192	48.9	17.0	71.96	71	15.698	<0.056
	Oct	8.7	776	0.6	1.7	1.9	392	24	168	222	66.5	13.6	71.96	69.4	7.971	0.340
46. Talcher Thermal Area	April	7.7	1246	0.1	5.8	3.5	748	6	152	278	78.6	19.9	238.87	146	0.889	<0.056
	Oct	7.7	1562	0.6	5.0	19	834	26	300	260	61.7	25.8	227.8	112.06	0.657	<0.056
47. Banarpal	April	7.5	713	0.1	6.8	0.8	406	16	156	192	64.9	7.3	89.95	65.4	25.746	<0.056
	Oct	8.3	803	0.7	3.4	1.9	429	24	160	232	52.9	24.3	101.9	80.72	15.073	0.490
48. Kulad	April	8.1	1141	0.1	3.9	1.9	678	44	68	120	29.7	11.2	289.85	81	33.619	<0.056
	Oct	8.7	647	0.2	1.7	0.8	372	26	72	216	51.3	21.4	85.9	101.36	21.403	0.490
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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Stn Name	Month of Monitoring	Total Kjeldahl N, mg/l	Flouride, mg/l	PO ₄ ³⁻ -P, mg/l	Sodium, mg/l	Potassium, mg/l	Boron, mg/l	Cr (VI), mg/l	Chromium Total, 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. ANGUL (2 stations)																		
1. Angul Township	April	0.28	0.230	0.002	135.7	20.5	0.228	0.017	0.029	<0.00006	0.0009	0.003	0.004	0.006	0.003	0.120	<1.8	<1.8
	Oct	1.68	0.27	0.057	151.0	30.50	0.098	-	-	-	-	-	-	-	-	-	4.5	4.5
2. NALCO township	April	0.56	0.240	0.007	20.6	6.0	0.281	0.028	0.049	<0.00006	0.0014	0.003	0.006	0.006	0.018	0.840	<1.8	<1.8
	Oct	1.68	0.27	0.287	20.72	4.44	0.025	-	-	-	-	-	-	-	-	-	<1.8	<1.8
2. BALASORE (3 stations)																		
3. Naigopalpur	April	0.84	0.230	0.002	220.3	29.8	0.074	0.005	0.024	<0.00006	0.0021	0.006	0.006	0.004	0.017	4.690	<1.8	<1.8
	Oct	5.6	1.2	0.156	4.34	1.16	0.039	-	-	-	-	-	-	-	-	-	<1.8	<1.8
4. Kuanrpur	April	0.56	5.800	0.063	232.0	32.0	0.077	0.007	0.027	<0.00006	0.0014	0.008	0.004	0.008	0.028	1.790	<1.8	<1.8
	Oct	6.72	1.5	0.306	31.53	8.25	0.471	-	-	-	-	-	-	-	-	-	<1.8	<1.8
5. Chakulia	April	0.28	0.170	0.002	199.5	25.5	0.074	0.007	0.018	<0.00006	0.0011	0.005	0.007	0.007	0.019	1.630	<1.8	<1.8
	Oct	1.12	4.6	0.005	39.39	6.75	0.042	-	-	-	-	-	-	-	-	-	<1.8	<1.8
3. BERHAMPUR (4 stations)																		
6. Berhampur near Railway station	May	3.08	0.309	0.002	95.35	95.35	0.218	<0.002	0.011	<0.00006	0.0011	0.002	0.005	0.004	0.022	0.030	<1.8	<1.8
	Oct	1.12	0.32	0.002	130.0	43.50	0.123	-	-	-	-	-	-	-	-	-	6.8	<1.8
7. MKCG medical College	May	5.88	0.548	0.391	72.75	72.75	0.151	<0.002	0.007	<0.00006	0.0014	0.002	0.005	0.004	0.018	0.130	33	<1.8
	Oct	1.12	2.0	0.002	76.75	14.50	0.155	-	-	-	-	-	-	-	-	-	1600	280
8. Bus stand	May	3.08	0.172	0.012	126.05	126.05	0.137	<0.002	0.009	<0.00006	0.0014	0.002	0.008	0.004	0.017	0.150	<1.8	<1.8
	Oct	1.68	0.67	0.002	137.50	26.75	0.095	-	-	-	-	-	-	-	-	-	350	17
9. Badabazar	May	0.84	0.212	0.041	114	114	0.158	<0.002	0.011	<0.00006	0.0017	0.002	0.007	0.004	0.011	7.840	79	11
	Oct	0.28	0.41	0.002	116.25	20.00	0.169	-	-	-	-	-	-	-	-	-	11	2
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	-	-	-	1.0	-	No relax	No relax	No relax	1.5	No relax	No relax	15.0	No relax	No relax
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Stn Name	Month of Monitoring	Kjeldahl N, mg/l	Flouride, mg/l	PO ₄ ³⁻ -P, mg/l	Sodium, mg/l	Potassium, mg/l	Boron, mg/l	Cr (VI), mg/l	Chromium Total, 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. BHUBANESWAR (6 stations)																		
10. Khandagiri Area	April	0.84	0.130	0.002	150.0	25.0	0.091	0.011	0.032	<0.00006	0.0012	0.003	0.006	0.011	0.049	6.730	<1.8	<1.8
	Oct	6.16	0.15	0.038	28.15	9.10	0.018	-	-	-	-	-	-	-	-	-	<1.8	<1.8
11. Old town-Samantarapur Area	April	0.56	0.390	0.002	45.7	17.3	0.204	0.002	0.008	<0.00006	0.0014	0.002	0.004	0.007	0.014	0.230	3500	1400
	Oct	3.92	0.19	0.043	38.05	12.75	0.035	-	-	-	-	-	-	-	-	-	110	26
12. Kalpana-Laxmisagar Area	April	0.28	0.080	0.002	16.9	0.9	0.007	0.003	0.012	<0.00006	0.0011	0.006	0.001	0.009	0.044	7.040	<1.8	<1.8
	Oct	1.12	0.14	0.039	2.37	1.93	0.028	-	-	-	-	-	-	-	-	-	<1.8	<1.8
13. Chandrasekharpur	April	0.28	0.120	0.007	20.3	4.5	0.014	0.009	0.025	<0.00006	0.0014	0.005	0.005	0.008	0.049	2.050	79	23
	Oct	3.36	0.13	0.030	3.08	0.78	0.046	-	-	-	-	-	-	-	-	-	<1.8	<1.8
14. Capital Hospital Area	April	0.28	0.100	0.002	20.5	5.2	0.007	0.005	0.013	<0.00006	0.0018	0.003	0.004	0.007	0.048	0.560	<1.8	<1.8
	Oct	2.24	0.23	0.041	20.73	5.92	0.004	-	-	-	-	-	-	-	-	-	<1.8	<1.8
15. Secretariate-Governor House-Old bus stand Area	April	0.56	0.320	0.002	22.4	4.0	0.003	0.005	0.015	<0.00006	0.0009	0.004	0.002	0.008	0.037	0.270	>1600	>1600
	Oct	5.04	0.19	0.040	20.35	8.95	0.004	-	-	-	-	-	-	-	-	-	<1.8	<1.8
5. CUTACK (5 stations)																		
16. Jagatpur	April	0.28	0.150	0.036	78.9	16.0	0.081	0.008	0.018	0.00013	0.0012	0.007	0.008	0.009	0.041	0.160	<1.8	<1.8
	Oct	2.24	0.22	0.057	65.55	17.60	0.067	-	-	-	-	-	-	-	-	-	<1.8	<1.8
17. Mangalabag	April	0.28	0.400	0.086	14.6	3.8	0.200	0.005	0.015	<0.00006	0.0014	0.005	0.009	0.008	0.014	0.090	4	4
	Oct	3.36	0.16	0.065	44.20	11.75	0.056	-	-	-	-	-	-	-	-	-	<1.8	<1.8
18. Madhupatna-Kalyan Nagar Area	April	0.28	0.200	0.017	29.7	6.9	0.200	0.005	0.013	<0.00006	0.0011	0.003	0.008	0.006	0.008	0.250	<1.8	<1.8
	Oct	1.12	0.22	0.073	29.86	4.93	0.004	-	-	-	-	-	-	-	-	-	<1.8	<1.8

19. Badambadi Area	April	0.28	0.190	0.051	47.0	10.3	0.123	0.003	0.012	<0.00006	0.0016	0.004	0.009	0.009	0.023	4.840	<1.8	<1.8
	Oct	1.68	0.34	0.760	17.17	2.36	0.004	-	-	-	-	-	-	-	-	-	-	<1.8
20. Bidanasi-Tulsipur Area	April	0.28	0.860	0.050	4.1	1.5	0.095	0.007	0.024	<0.00006	0.0011	0.004	0.006	0.004	0.025	0.370	<1.8	<1.8
	Oct	1.12	0.23	0.119	6.83	3.08	0.004	-	-	-	-	-	-	-	-	-	-	<1.8

Stn Name	Month of Monitoring	Kjeldahl N, mg/l	Flouride, mg/l	PO ₄ ³⁻ -P, mg/l	Sodium, mg/l	Potassium, mg/l	Boron, mg/l	Cr (VI), mg/l	Chromium Total, 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
6. JAGATSINGHPUR (2 stations)																		
21. Musadiha	April	0.56	0.510	0.075	744.0	44.0	0.994	0.002	0.008	<0.00006	0.0011	0.004	0.004	0.008	0.018	0.050	>1600	540
	Oct	3.92	0.51	0.009	455.7	30.25	0.888	-	-	-	-	-	-	-	-	-	70	<1.8
22. Badapadia	April	0.84	1.500	0.086	306.0	29.0	1.394	<0.002	0.008	<0.00006	0.0017	0.004	0.004	0.007	0.021	0.040	<1.8	<1.8
	Oct	1.12	1.1	0.034	327.5	29.00	1.229	-	-	-	-	-	-	-	-	-	4.5	<1.8
7. JAJPUR (4 stations)																		
23. TISCO	April	0.28	0.200	0.005	9.3	1.5	0.021	0.007	0.027	<0.00006	0.0016	0.002	0.009	0.006	0.018	0.120	<1.8	<1.8
	Oct	1.12	0.16	0.049	16.07	4.92	0.067	-	-	-	-	-	-	-	-	-	-	<1.8
24. Saruabil	April	0.28	0.170	0.002	16.7	3.1	0.028	0.005	0.024	<0.00006	0.0017	0.004	0.009	0.008	0.036	0.190	<1.8	<1.8
	Oct	1.12	0.17	0.047	24.48	6.04	0.046	-	-	-	-	-	-	-	-	-	-	<1.8
25. Kaliapani	April	0.56	0.160	0.002	5.4	1.6	0.042	0.007	0.020	<0.00006	0.0014	0.014	0.008	0.007	0.031	0.110	<1.8	<1.8
	Oct	0.56	0.18	0.095	2.29	0.75	0.039	-	-	-	-	-	-	-	-	-	-	<1.8
26. Kamarda	April	0.56	0.180	0.002	7.7	1.4	0.077	0.034	0.077	<0.00006	0.0016	0.008	0.006	0.005	0.031	0.150	<1.8	<1.8
	Oct	1.68	0.16	0.054	7.28	1.04	0.063	-	-	-	-	-	-	-	-	-	-	<1.8
8. JHARSUGUDA (8 stations)																		
27. Thelkoi	April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Oct	1.52	0.32	0.086	7.92	1.68	0.034	-	-	-	-	-	-	-	-	-	-	<1.8
28. Bhurkhamunda	April	0.56	0.350	0.029	13.2	2.6	0.200	0.012	0.027	<0.00006	0.0009	0.005	0.004	0.005	0.052	0.250	<1.8	<1.8
	Oct	1.68	0.39	0.105	8.63	1.75	0.042	-	-	-	-	-	-	-	-	-	-	<1.8
29. Badamani Industrial Estate	April	0.28	0.220	0.015	9.4	2.9	0.207	0.018	0.035	0.00013	0.0008	0.009	0.007	0.005	0.052	0.820	<1.8	<1.8
	Oct	0.28	0.17	0.120	7.05	2.04	0.035	-	-	-	-	-	-	-	-	-	-	<1.8
30. Budhipadar	April	0.28	0.280	0.046	6.4	2.4	0.228	0.017	0.017	<0.00006	0.0011	0.002	0.008	0.004	0.022	0.960	<1.8	<1.8

	Oct	0.56	0.22	0.100	8.33	2.95	0.035	-	-	-	-	-	-	-	-	-	<1.8	<1.8
31. Brajarajnagar Mining Belt	April	0.28	0.360	0.050	8.8	3.6	0.270	0.013	0.029	0.00019	0.0016	0.002	0.007	0.009	0.075	0.510	<1.8	<1.8
	Oct	0.56	0.35	0.093	20.94	5.54	0.091	-	-	-	-	-	-	-	-	-	<1.8	<1.8
32. Rampur (water tank)	April	0.28	0.380	0.056	20.9	6.5	0.600	0.013	0.032	0.00025	0.0014	0.003	0.010	0.008	0.062	0.220	<1.8	<1.8
	Oct	0.28	0.33	0.088	21.36	5.88	0.105	-	-	-	-	-	-	-	-	-	1300	330
33. Ib thermal power station	April	0.28	0.390	0.052	7.6	2.2	1.685	0.015	0.027	0.00019	0.0012	0.003	0.008	0.008	0.082	1.350	<1.8	<1.8
	Oct	1.52	0.31	0.087	22.87	7.40	0.074	-	-	-	-	-	-	-	-	-	92000	54000
34. Belpahar Area	April	0.28	0.250	0.077	25.3	6.7	0.481	0.012	0.027	<0.00006	0.0012	0.002	0.008	0.005	0.011	5.610	<1.8	<1.8
	Oct	1.68	0.3	0.086	36.20	10.90	0.123	-	-	-	-	-	-	-	-	-	16000	9200

Stn Name	Month of Monitoring	Kjeldahl N, mg/l	Flouride, mg/l	PO ₄ ^{3--P} , mg/l	Sodium, mg/l	Potassium, mg/l	Boron, mg/l	Cr (VI), mg/l	Chromium Total, 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
9. PURI (4 stations)																		
35. Hospital-Bus stand- Mausima temple area	April	0.56	0.120	0.153	153.0	24.3	0.355	0.002	0.012	<0.00006	0.0018	0.009	0.008	0.008	0.047	1.170	<1.8	<1.8
	Oct	0.28	0.17	0.487	124.25	26.50	0.133	-	-	-	-	-	-	-	-	-	330	130
36. Near Jagannath Temple	April	0.28	0.130	0.045	180.3	27.5	0.506	0.005	0.013	<0.00006	0.0021	0.006	0.006	0.009	0.049	0.060	<1.8	<1.8
	Oct	0.28	0.16	0.118	141.0	48.50	0.158	-	-	-	-	-	-	-	-	-	130	<1.8
37. Near Sea Beach	April	0.28	0.150	0.086	146.2	18.7	0.372	0.002	0.008	<0.00006	0.0016	0.007	0.004	0.014	0.037	0.320	23	<1.8
	Oct	0.84	0.12	0.212	4015.0	475.00	0.565	-	-	-	-	-	-	-	-	-	<1.8	<1.8
38. Baliapanda	April	0.28	0.270	0.174	75.5	14.5	0.112	0.01	0.030	<0.00006	0.0011	0.007	0.006	0.007	0.042	0.110	<1.8	<1.8
	Oct	0.28	0.17	0.119	34.70	9.05	0.046	-	-	-	-	-	-	-	-	-	<1.8	<1.8
10. SAMBALPUR (3 stations)																		
39. Near Panthanivas	April	0.56	0.450	0.002	30.0	8.8	0.154	0.02	0.047	<0.00006	0.0014	0.005	0.004	0.004	0.045	0.560	350	49
	Oct	1.12	0.19	0.002	38.45	9.05	0.098	-	-	-	-	-	-	-	-	-	130	17
40. Near Railway station	April	0.56	0.240	0.020	167.8	25.5	0.239	0.018	0.044	<0.00006	0.0018	0.008	0.005	0.008	0.008	0.680	140	140
	Oct	1.12	0.18	0.003	26.91	3.66	0.004	-	-	-	-	-	-	-	-	-	2	<1.8
41. Near VSS Medical College	April	0.56	0.320	0.002	45.8	7.3	0.176	0.015	0.040	0.00013	0.0017	0.002	0.009	0.007	0.011	0.650	540	130
	Oct	1.68	0.19	0.067	42.80	10.40	0.095	-	-	-	-	-	-	-	-	-	49	<1.8

11. TALCHER (7 stations)																		
42. Mahanadi Coal Field Area	April	0.56	0.230	1.500	60.7	15.9	0.337	0.025	0.047	0.00019	0.0017	0.005	0.009	0.008	0.056	1.220	<1.8	<1.8
	Oct	1.12	0.23	0.445	47.05	10.15	0.056	-	-	-	-	-	-	-	-	-	-	<1.8
43. Kaniha	April	0.56	0.800	0.002	8.7	2.6	0.228	0.023	0.042	0.00013	0.0016	0.003	0.006	0.008	0.024	1.180	<1.8	<1.8
	Oct	1.12	0.23	0.057	16.51	4.69	0.053	-	-	-	-	-	-	-	-	-	-	<1.8
44. Talcher town	April	0.84	0.270	0.002	66.5	14.0	0.316	0.027	0.047	<0.00006	0.0014	0.008	0.008	0.009	0.131	0.140	<1.8	<1.8
	Oct	0.56	0.23	0.271	54.7	7.35	0.014	-	-	-	-	-	-	-	-	-	-	<1.8
45. Meramundali Area	April	0.28	0.480	0.002	58.9	11.5	0.263	0.027	0.049	<0.00006	0.0014	0.004	0.016	0.012	0.126	0.140	79	<1.8
	Oct	7.84	0.75	0.164	48.80	14.50	0.063	-	-	-	-	-	-	-	-	-	-	<1.8
46. Talcher Thermal Area	April	0.28	0.410	1.291	140.9	21.5	0.288	0.025	0.054	0.00013	0.0011	0.013	0.017	0.007	0.122	1.540	<1.8	<1.8
	Oct	0.56	0.55	0.271	164.5	49.75	0.151	-	-	-	-	-	-	-	-	-	-	<1.8

Stn Name	Month of Monitoring	Kjeldahl N, mg/l	Flouride, mg/l	PO ₄ ³⁻ -P, mg/l	Sodium, mg/l	Potassium, mg/l	Boron, mg/l	Cr (VI), mg/l	Chromium Total, 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
47. Banarpal	April	0.28	0.240	0.002	53.9	13.0	0.369	0.023	0.040	<0.00006	0.0011	0.003	0.019	0.011	0.023	0.430	<1.8	<1.8
	Oct	5.6	0.46	0.691	61.35	6.54	0.084	-	-	-	-	-	-	-	-	-	-	<1.8
48. Kulad	April	0.28	1.100	0.002	181.1	24.5	0.358	0.023	0.044	<0.00006	0.0011	0.004	0.008	0.004	0.054	0.411	<1.8	<1.8
	Oct	6.16	0.52	0.301	47.85	12.15	0.053	-	-	-	-	-	-	-	-	-	-	<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	-	-	-	1.0	-	No relax	No relax	No relax	1.5	No relax	No relax	15.0	No relax	No relax	