

Ground water Quality Status (Tube well) (2020)

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	7.4	830	< 1.0	5.9	6.7	NA	NA	316	NA	NA	NA	NA	145.84	NA	NA
	Oct	7.0	866	< 1.0	7.9	3.9	NA	NA	176	260	88.18	9.75	116	145.1	14.028	0.56
2. NALCO township	April	7.6	612	< 1.0	8.9	65	NA	NA	312	NA	NA	NA	NA	23.69	NA	NA
	Oct	7.5	366	< 1.0	19.9	2.5	NA	NA	160	152	52.91	4.87	16	24.02	1.329	0.56
2. BALASORE (3 stations)																
3. Naigopalpur	April	6.5	184	< 1.0	6.0	4.3	NA	NA	32	NA	NA	NA	NA	9.64	NA	NA
	Oct	6.8	392	< 1.0	8.0	12	NA	NA	64	144	25.65	19.50	64	47.55	22.802	1.12
4. Kuanrpur	April	7.6	548	< 1.0	< 5.0	6.1	NA	NA	180	NA	NA	NA	NA	16.07	NA	NA
	Oct	7.3	278	< 1.0	8.0	7	NA	NA	68	28	6.41	2.92	44	17.16	1.329	1.12
5. Chakulia	April	6.8	405	< 1.0	< 5.0	4.5	NA	NA	60	NA	NA	NA	NA	34.76	NA	NA
	Oct	7.5	132	< 1.0	8.0	11	NA	NA	56	36	8.02	3.90	10	8.73	1.583	1.12
3. BERHAMPUR(4 stations)																
6. Near Railway station	Apr	7.33	1139	< 1.0	5.9	8.2	NA	NA	260	NA	NA	NA	NA	48.45	NA	NA
	Oct	7.2	551	< 1.0	16.0	5.8	NA	NA	104	160	57.72	3.90	96	44.1	8.841	0.56
7. MKCG Medical College	Apr	7.24	1078	< 1.0	5.9	45	NA	NA	396	NA	NA	NA	NA	39.167	NA	NA
	Oct	7.8	707	< 1.0	8.0	5.8	NA	NA	144	172	54.51	8.77	115.9	85.3	1.329	0.56
8. Bus stand	Apr	7.86	951	< 1.0	5.9	85	NA	NA	312	NA	NA	NA	NA	40.119	NA	NA
	Oct	7.3	695	< 1.0	8.0	6.8	NA	NA	176	172	60.92	4.87	115.9	34.8	1.329	1.12
9. Badabazar	Apr	7.07	1204	< 1.0	5.9	12	NA	NA	248	NA	NA	NA	NA	68.81	NA	NA
	Oct	7.1	838	< 1.0	8.0	4.8	NA	NA	136	236	80.16	8.77	165.9	61.76	6.336	0.56
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

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	6.1	809	< 1.0	< 5.0	6.2	NA	NA	24	NA	NA	NA	NA	8.809	NA	NA
	Oct	7.8	169	< 1.0	7.8	5.6	NA	NA	60	56	17.64	2.92	18	16.96	3.557	0.56
11. Old town-Samantarapur Area	April	7.1	530	< 1.0	6.0	7.6	NA	NA	132	NA	NA	NA	NA	22.85	NA	NA
	Oct	6.8	365	< 1.0	7.8	5.3	NA	NA	188	144	44.89	7.80	14	16.96	6.579	1.12
12. Kalpana-Laxmisagar Area,	April	6.1	407	< 1.0	< 5.0	3.6	NA	NA	82	NA	NA	NA	NA	13.69	NA	NA
	Oct	6.1	337	< 1.0	7.8	4.9	NA	NA	60	68	19.24	4.87	50	33.82	31.813	1.12
13. Chandrasekhar pur	April	6.5	169	< 1.0	< 5.0	4.8	NA	NA	38	NA	NA	NA	NA	6.31	NA	NA
	Oct	6.4	183	< 1.0	7.8	6.1	NA	NA	56	60	16.03	4.87	26	10.59	1.441	0.56
14. Capital Hospital Area	April	5.1	481	< 1.0	< 5.0	4.6	NA	NA	12	NA	NA	NA	NA	10.71	NA	NA
	Oct	6.1	162	< 1.0	7.8	8.7	NA	NA	48	32	9.62	1.95	20	10.88	1.824	0.56
15. Secretariate-Governor House-Old bus stand Area	April	Not Monitored														
	Oct	Not Monitored														
5. CUTTACK (5 stations)																
16. Jagatpur	April	6.9	651	< 1.0	3.0	18	NA	NA	172	NA	NA	NA	NA	16.66	NA	NA
	Oct	6.6	429	< 1.0	8.0	5.4	NA	NA	148	144	49.70	4.87	46	31.87	1.329	0.56
17. Mangalabag	April	7.3	198	< 1.0	9.0	7.7	NA	NA	68	NA	NA	NA	NA	15.12	NA	NA
	Oct	7.2	152	< 1.0	8.0	16	NA	NA	76	68	22.44	2.92	8	7.35	1.408	1.12
18. Madhupatna-Kalyan Nagar Area	April	6.9	503	< 1.0	< 5.0	23	NA	NA	112	NA	NA	NA	NA	14.52	NA	NA
	Oct	6.5	351	< 1.0	8.0	8.7	NA	NA	120	108	38.48	2.92	46	11.47	1.452	1.12

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	7.3	320	< 1.0	< 5.0	9.7	NA	NA	134	NA	NA	NA	NA	15.59	NA	NA
	Oct	6.9	382	< 1.0	8.0	9.1	NA	NA	132	104	35.27	3.90	52	6.47	1.373	0.56
20. Bidanasi-Tulsipur Area	April	7.6	250	< 1.0	< 5.0	8.9	NA	NA	112	NA	NA	NA	NA	14.17	NA	NA
	Oct	6.9	135	< 1.0	8.0	3.5	NA	NA	64	52	12.83	4.87	10	5.69	1.329	0.56
6. PARADEEP (JAGATSINGHPUR) (2 stations)																
21. Musadiha	Apr	8.06	2598	< 1.0	3	1.0	NA	NA	252	NA	NA	NA	NA	13.93	NA	NA
	Oct	8.3	1364	1.7	12.0	1.2	NA	NA	80	68	19.24	4.87	435.8	87.3	6.910	1.12
22. Badapadia	Apr	8.34	1920	< 1.0	6	<1.0	NA	NA	204	NA	NA	NA	NA	8.33	NA	NA
	Oct	8.0	1818	1.1	8.0	3.4	NA	NA	124	168	49.70	10.72	595.7	80.3	7.015	1.12
7. SUKINDA (JAJPUR) (4 stations)																
23. TISCO	April	6.7	325	< 1.0	20.9	5.1	NA	NA	128	NA	NA	NA	NA	7.97	NA	NA
	Oct	7.1	349	< 1.0	8.0	14	NA	NA	96	132	38.48	8.77	38	34.31	7.771	1.12
24. Saruabil	April	6.5	251	< 1.0	6.0	42	NA	NA	72	NA	NA	NA	NA	5.35	NA	NA
	Oct	6.9	183	< 1.0	8.0	9.7	NA	NA	88	88	32.06	1.95	8	8.9	1.329	0.56
25. Kaliapani	April	7.5	181	< 1.0	< 5.0	26	NA	NA	80	NA	NA	NA	NA	6.31	NA	NA
	Oct	7.1	363	< 1.0	8.0	2.4	NA	NA	116	136	38.48	9.75	36	33.3	9.668	1.12
26. Kamarda	April	7.4	302	< 1.0	< 5.0	85	NA	NA	112	NA	NA	NA	NA	8.93	NA	NA
	Oct	6.8	264	< 1.0	8.0	80	NA	NA	68	76	25.65	2.92	28.2	30.88	2.080	1.12
8. JHARSUGUDA (8 stations)																
27. Thelkoi	April	Not Monitored														
	Oct	Not Monitored														
28. Bhurkhamunda	April	6.87	557	< 1.0	< 5.0	<1.0	NA	NA	36	NA	NA	NA	NA	12.26	NA	NA
	Oct	8.1	119	< 1.0	8.0	4.2	NA	NA	40	32	8.02	2.92	16	< 5	3.866	1.68
29. Badamal Industrial Estate	April	6.45	165	< 1.0	6	3	NA	NA	32	NA	NA	NA	NA	7.62	NA	NA
	Oct	7.3	75	< 1.0	8.0	13	NA	NA	32	24	6.41	1.95	8	< 5	1.417	0.56
30. Budhipadar	April	6.44	148	< 1.0	< 5.0	6	NA	NA	36	NA	NA	NA	NA	6.9	NA	NA
	Oct	6.8	128	< 1.0	8.0	5.8	NA	NA	36	24	6.41	1.95	22	5.69	3.359	0.56

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31. Brajarajnagar Mining Belt	April	7.05	170	< 1.0	< 5.0	65	NA	NA	132	NA	NA	NA	NA	9.76	NA	NA
	Oct	6.5	123	< 1.0	8.0	11	NA	NA	28	32	6.41	3.90	20	11.96	5.302	1.12
32. Rampur (water tank)	April	7.11	438	< 1.0	6	65	NA	NA	160	NA	NA	NA	NA	20.71	NA	NA
	Oct	7.1	275	< 1.0	8.0	4.2	NA	NA	108	88	32.06	1.95	28	14.31	1.329	1.12
33. Ib thermal power station	April	7.15	432	< 1.0	< 5.0	65	NA	NA	164	NA	NA	NA	NA	27.85	NA	NA
	Oct	7.2	95	< 1.0	8.0	5.2	NA	NA	40	32	8.02	2.92	6	8.14	1.329	1.12
34. Belpahar Area	April	7.05	440	< 1.0	< 5.0	10	NA	NA	116	NA	NA	NA	NA	19.1	NA	NA
	Oct	6.9	198	< 1.0	8.0	2.7	NA	NA	52	76	17.64	7.80	16	32.35	2.080	1.12
9. PURI (4 stations)																
35. Hospital-Busstand-Mausima temple area	April	7.9	1128	< 1.0	< 5.0	6.9	NA	NA	60	NA	NA	NA	NA	18.69	NA	NA
	Oct	7.5	1048	< 1.0	7.9	3.7	NA	NA	184	300	73.75	28.27	215.9	90.7	28.706	0.56
36. Near Jagannath Temple	April	7.9	1044	< 1.0	< 5.0	16	NA	NA	198	NA	NA	NA	NA	168.34	NA	NA
	Oct	7.6	748	< 1.0	7.9	6.8	NA	NA	156	100	24.05	9.75	146	19.9	10.863	1.12
37. Near Sea Beach,	April	8.2	1091	< 1.0	< 5.0	8	NA	NA	212	NA	NA	NA	NA	24.88	NA	NA
	Oct	7.9	1487	< 1.0	7.9	4.4	NA	NA	160	360	48.10	58.49	255.9	210.8	1.854	1.12
38. Baliapanda	April	7.8	1116	< 1.0	< 5.0	60	NA	NA	46	NA	NA	NA	NA	23.33	NA	NA
	Oct	7.3	256	< 1.0	7.9	4.3	NA	NA	80	68	16.03	6.82	30	17	1.776	0.56
10. SAMBALPUR (3 stations)																
39. Near Panthanivas	April	7.89	324	< 1.0	< 5.0	5.8	NA	NA	56	NA	NA	NA	NA	30.71	NA	NA
	Oct	6.6	262	< 1.0	8.0	9.3	NA	NA	52	92	24.05	7.80	42	25.98	22.146	1.12
40. Near Railway station	April	7.4	344	< 1.0	< 5.0	2.2	NA	NA	276	NA	NA	NA	NA	27.85	NA	NA
	Oct	7.3	480	< 1.0	8.0	3.2	NA	NA	144	140	40.08	9.75	66	29.3	22.146	1.12
41. Near VSS Medical College, Burla	April	7.93	597	< 1.0	< 5.0	4.7	NA	NA	236	NA	NA	NA	NA	51.79	NA	NA
	Oct	7.4	324	< 1.0	8.0	2.9	NA	NA	116	136	36.87	10.72	20	32.35	29.580	0.56

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
11. TALCHER (7 stations)																
42. Mahanadi Coal Field Area	April	7.05	414	< 1.0	8.9	16	NA	NA	104	NA	NA	NA	NA	49.05	NA	NA
	Oct	7.0	263	< 1.0	19.9	6.7	NA	NA	96	88	25.65	5.85	24	16.57	1.329	0.56
43. Kaniha	April	7.85	387	< 1.0	< 5.0	70	NA	NA	220	NA	NA	NA	NA	14.17	NA	NA
	Oct	7.5	245	< 1.0	7.9	11	NA	NA	112	104	36.87	2.92	12	9.61	1.329	1.68
44. Talcher town	April	7.62	325	< 1.0	5.9	11	NA	NA	200	NA	NA	NA	NA	40.12	NA	NA
	Oct	7.0	235	< 1.0	11.9	28	NA	NA	116	80	25.65	3.90	18	6.67	1.329	1.68
45. Meramundali Area	April	7.91	1008	< 1.0	8.9	12	NA	NA	428	NA	NA	NA	NA	92.62	NA	NA
	Oct	7.4	470	< 1.0	7.9	14	NA	NA	108	128	41.68	5.85	96	16.57	1.329	1.68
46. Talcher Thermal Area	April	7.62	1178	< 1.0	5.9	17	NA	NA	248	NA	NA	NA	NA	98.22	NA	NA
	Oct	7.4	559	< 1.0	11.9	17	NA	NA	112	148	44.89	8.77	116	24.31	1.329	1.68
47. Banarpal	April	7.24	1023	< 1.0	8.9	8.6	NA	NA	300	NA	NA	NA	NA	73.45	NA	NA
	Oct	7.1	678	< 1.0	7.9	9	NA	NA	176	184	51.30	13.65	116	29.61	1.329	0.56
48. Kulad	April	7.54	557	< 1.0	11.8	65	NA	NA	320	NA	NA	NA	NA	18.57	NA	NA
	Oct	8.0	387	< 1.0	11.9	8	NA	NA	120	104	36.87	2.92	52	15.7	1.347	0.56
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

NA : Not analysed

Contd..

Stn Name	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	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	NA	0.467	0.094	NA	NA	NA	<0.002	0.00013	0.0039	0.008	0.019	0.031	0.012	0.943	<1.8	<1.8
	Oct	3.92	NA	< 0.05	87.4	3.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
2. NALCO township	April	NA	0.909	0.051	NA	NA	NA	<0.002	0.00025	0.0016	0.008	0.018	0.014	0.145	0.310	<1.8	<1.8
	Oct	2.24	NA	< 0.05	10.53	4.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
2. BALASORE (3 stations)																	
3. Naigopalpur	April	NA	0.292	0.155	NA	NA	NA	<0.002	0.00013	0.0011	0.002	0.005	<0.001	0.006	0.585	33	4.5
	Oct	2.24	NA	< 0.05	22.93	1.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	23
4. Kuanrpur	April	NA	5.94	0.288	NA	NA	NA	<0.002	0.00051	0.0014	0.002	0.004	0.010	0.005	0.166	1.8	1.8
	Oct	1.68	NA	< 0.05	41.52	8.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
5. Chakulia	April	NA	0.734	0.573	NA	NA	NA	<0.002	0.00032	0.0013	0.003	0.002	0.010	0.005	0.340	49	4.5
	Oct	2.24	NA	< 0.05	11.75	2.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	240	23
3. BERHAMPUR (4 stations)																	
6. Berhampur near Railway station	Apr	NA	0.257	0.093	NA	NA	NA	<0.002	0.00006	0.0021	0.004	0.013	0.009	0.064	0.069	<1.8	<1.8
	Oct	1.68	NA	< 0.05	47	2.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	13
7. MKCG medical College	Apr	NA	0.234	0.061	NA	NA	NA	<0.002	0.00006	0.0016	0.002	0.009	0.006	0.030	0.538	<1.8	<1.8
	Oct	3.92	NA	< 0.05	85.65	2.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	13
8. Bus stand	Apr	NA	0.465	0.068	NA	NA	NA	<0.002	0.00044	0.0020	0.003	0.007	0.005	0.015	0.333	17	4.5
	Oct	3.36	NA	< 0.05	76.7	6.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	23
9. Badabazar	Apr	NA	0.156	0.065	NA	NA	NA	<0.002	0.00006	0.0033	0.003	0.017	0.004	0.047	0.036	<1.8	<1.8
	Oct	1.68	NA	< 0.05	75.6	3.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	<1.8
Drinking water specification (IS : 10500 (2012))																	
Acceptable Limit		-	1.0	-	-	-	0.5	-	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	1.5	No relax	No relax	15.0	No relax	No relax	

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4. BHUBANESWAR (6 stations)																	
10. Khandagiri Area	April	NA	0.175	0.037	NA	NA	NA	<0.002	0.00006	0.0013	0.004	0.004	0.023	0.026	1.133	<1.8	<1.8
	Oct	1.68	NA	0.211	14	2.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	13
11. Old town-Samantarapur Area	April	NA	0.197	0.215	NA	NA	NA	<0.002	0.00019	0.0011	0.005	0.003	0.007	0.006	0.302	33	4.5
	Oct	2.24	NA	< 0.05	18	7.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	<1.8
12. Kalpana-Laxmisagar Area	April	NA	0.176	0.113	NA	NA	NA	<0.002	0.00025	0.0011	0.004	0.004	0.018	0.018	1.138	79	4.5
	Oct	2.8	NA	< 0.05	35	12.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	<1.8
13. Chandrasekharpur	April	NA	0.17	0.391	NA	NA	NA	<0.002	0.00057	0.0012	0.003	0.004	0.008	0.145	1.558	<1.8	<1.8
	Oct	2.24	NA	0.104	15	6.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
14. Capital Hospital Area	April	NA	0.233	0.201	NA	NA	NA	<0.002	0.00006	0.0011	0.004	0.005	0.004	0.029	0.281	<1.8	<1.8
	Oct	< 1.5	NA	< 0.05	16	9.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
15. Secretariate Governor House-Old bus stand Area	April	Not Monitored															
	Oct	Not Monitored															
5. CUTTACK (5 stations)																	
16. Jagatpur	April	NA	0.22	0.469	NA	NA	NA	<0.002	0.00006	0.0012	0.008	0.003	0.007	0.006	0.289	2	<1.8
	Oct	1.68	NA	< 0.05	29.35	2.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
17. Mangalabag	April	NA	0.286	0.023	NA	NA	NA	<0.002	0.00006	0.0017	0.007	0.003	0.006	0.005	0.160	2	<1.8
	Oct	5.04	NA	< 0.05	3.99	3.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
18. Madhupatna-Kalyan Nagar Area	April	NA	0.168	0.429	NA	NA	NA	<0.002	0.00044	0.0023	0.006	0.004	0.005	0.004	0.330	1.8	1.8
	Oct	2.24	NA	< 0.05	26.77	4.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8

Stn Name	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	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
19. Badambadi Area	April	NA	0.433	0.024	NA	NA	NA	<0.002	0.00076	0.0016	0.008	0.002	0.008	0.014	0.340	<1.8	<1.8
	Oct	< 1.5	NA	< 0.05	37.95	7.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
20. Bidanasi-Tulsipur Area	April	NA	0.16	0.049	NA	NA	NA	<0.002	0.00044	0.0015	0.006	0.004	0.005	0.003	0.420	<1.8	<1.8
	Oct	< 1.5	NA	< 0.05	5.12	2.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
6. PARADEEP (JAGATSINGHPUR) (2 stations)																	
21. Musadiha	Apr	NA	0.748	0.059	NA	NA	NA	<0.002	0.00057	0.0032	0.001	0.005	0.009	0.018	0.508	7.8	2
	Oct	2.24	NA	< 0.05	328.2	6.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	1700	790
22. Badapadia	Apr	NA	1.17	0.059	NA	NA	NA	<0.002	0.00019	0.0028	0.002	0.004	0.003	0.041	1.016	<1.8	<1.8
	Oct	3.92	NA	< 0.05	386.5	12.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	1300	490
7. SUKINDA (JAJPUR) (4 stations)																	
23. TISCO	April	NA	0.168	0.037	NA	NA	NA	<0.002	0.00019	0.0010	0.004	0.005	0.005	0.029	0.113	<1.8	<1.8
	Oct	3.36	NA	< 0.05	14.23	6.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
24. Saruabil	April	NA	0.176	0.027	NA	NA	NA	<0.002	0.00006	0.0011	0.005	0.004	0.006	0.004	0.203	33	11
	Oct	1.68	NA	0.352	3.59	1.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	22
25. Kaliapani	April	NA	0.123	0.013	NA	NA	NA	<0.002	0.00006	0.0011	0.004	0.003	0.007	0.003	0.454	79	13
	Oct	< 1.5	NA	< 0.05	18.32	4.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	13
26. Kamarda	April	NA	0.185	0.022	NA	NA	NA	<0.002	0.00057	0.0015	0.003	0.003	0.016	0.053	1.391	17	4.5
	Oct	1.68	NA	< 0.05	21.78	9.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	<1.8
8. JHARSUGUDA (8 stations)																	
27. Thelkoi	April	Not Monitored															
	Oct	Not Monitored															
28. Bhurkhamunda	April	NA	0.287	0.049	NA	NA	NA	<0.002	0.00013	0.0016	0.003	0.004	0.021	0.007	0.103	<1.8	<1.8
	Oct	3.36	NA	< 0.05	11.21	2.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
29. Badamal Industrial Estate	April	NA	0.164	0.044	NA	NA	NA	<0.002	0.00013	0.0029	0.009	0.007	0.006	0.104	0.573	<1.8	<1.8
	Oct	2.8	NA	< 0.05	5.2	3.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
30. Budhipadar	April	NA	0.169	0.056	NA	NA	NA	<0.002	0.00044	0.0026	0.011	0.008	0.011	0.083	1.123	<1.8	<1.8
	Oct	3.92	NA	< 0.05	13.49	4.76	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8

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31. Brajarajnagar Mining Belt	April	NA	0.164	0.065	NA	NA	NA	<0.002	0.00006	0.0021	0.007	0.007	0.008	0.045	0.349	<1.8	<1.8
	Oct	2.8	NA	< 0.05	12.36	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
32. Rampur (water tank)	April	NA	0.162	0.056	NA	NA	NA	<0.002	0.00025	0.0021	0.014	0.007	0.012	0.081	1.322	<1.8	<1.8
	Oct	4.48	NA	< 0.05	19.22	8.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
33. Ib thermal power station	April	NA	0.177	0.051	NA	NA	NA	<0.002	0.00013	0.0015	0.018	0.008	0.013	0.120	1.333	<1.8	<1.8
	Oct	3.92	NA	< 0.05	4.53	5.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
34. Belpahar Area	April	NA	0.171	0.047	NA	NA	NA	<0.002	0.00057	0.0020	0.011	0.009	0.009	0.110	0.971	<1.8	<1.8
	Oct	3.36	NA	< 0.05	10.29	4.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
9. PURI(4 stations)																	
35. Hospital-Busstand-Mausima temple area	April	NA	0.153	<0.01	NA	NA	NA	<0.002	0.00038	0.0021	0.007	0.005	0.009	0.184	1.656	<1.8	<1.8
	Oct	3.92	NA	< 0.05	87	45.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
36. Near Jagannath Temple	April	NA	0.208	<0.01	NA	NA	NA	<0.002	0.00019	0.0041	0.014	0.008	0.017	0.074	1.465	<1.8	<1.8
	Oct	5.04	NA	< 0.05	88	46.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
37. Near Sea Beach	April	NA	0.412	<0.01	NA	NA	NA	<0.002	0.00025	0.0023	0.012	0.007	0.019	0.192	1.198	13	<1.8
	Oct	5.04	NA	0.101	129	51.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
38. Baliapanda	April	NA	0.175	<0.01	NA	NA	NA	<0.002	0.00013	0.0023	0.008	0.010	0.013	0.109	0.472	4.5	<1.8
	Oct	3.36	NA	< 0.05	28	4.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
10. SAMBALPUR(3 stations)																	
39. Near Panthanivas	April	NA	0.139	0.104	NA	NA	NA	<0.002	0.00038	0.0018	0.010	0.007	0.007	0.016	0.135	<1.8	<1.8
	Oct	5.6	NA	< 0.05	13.42	4.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
40. Near Railway station	April	NA	0.273	0.085	NA	NA	NA	<0.002	0.00038	0.0020	0.009	0.005	0.018	0.003	0.020	23	2
	Oct	2.24	NA	< 0.05	42.3	4.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8

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41. Near VSS Medical College	April	NA	0.82	0.122	NA	NA	NA	<0.002	0.00051	0.0036	0.009	0.004	0.010	0.009	0.033	<1.8	<1.8
	Oct	1.68	NA	< 0.05	11.31	3.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
11. TALCHER (7 stations)																	
42. Mahanadi Coal Field Area	April	NA	0.919	0.150	NA	NA	NA	<0.002	0.00025	0.0016	0.032	0.008	0.029	0.104	0.458	<1.8	<1.8
	Oct	< 1.5	NA	< 0.05	17.22	8.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
43. Kaniha	April	NA	0.229	0.044	NA	NA	NA	<0.002	0.00006	0.0018	0.003	0.005	0.014	0.134	1.028	13	4.5
	Oct	3.92	NA	< 0.05	9.25	2.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
44. Talcher town	April	NA	0.432	0.046	NA	NA	NA	<0.002	0.00006	0.0014	0.003	0.006	0.022	0.116	1.132	<1.8	<1.8
	Oct	2.24	NA	< 0.05	11.26	10.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	22
45. Meramund ali Area	April		0.82	0.082	NA	NA	NA	<0.002	0.00006	0.0023	0.004	0.004	0.011	0.073	0.321	<1.8	<1.8
	Oct	2.24	NA	< 0.05	49.76	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
46. Talcher Thermal Area	April	NA	0.726	0.062	NA	NA	NA	<0.002	0.00013	0.0026	0.011	0.005	0.025	0.162	0.888	<1.8	<1.8
	Oct	2.24	NA	< 0.05	60.3	2.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	<1.8
47. Banarpal	April	NA	0.351	0.056	NA	NA	NA	<0.002	0.00013	0.0074	0.007	0.051	0.032	0.148	0.582	<1.8	<1.8
	Oct	< 1.5	NA	< 0.05	69.9	4.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	<1.8
48. Kulad	April	NA	0.889	0.040	NA	NA	NA	<0.002	0.00013	0.0015	0.015	0.026	0.016	0.156	0.677	<1.8	<1.8
	Oct	2.24	NA	< 0.05	40.15	2.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	<1.8
Drinking water specification (IS : 10500 (2012))																	
Acceptable Limit		-	1.0	-	-	-	0.5	-	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	1.5	No relax	No relax	15.0	No relax	No relax	