

### Ground water Quality Status (Tube well) (2021)

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 <sub>3</sub> , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH <sub>4</sub> -N, mg/L
<b>1. District : ANGUL (9 stations)</b>																
<b>Angul</b>																
1. Angul Township	April	7.2	1178	< 1.0	7.8	3	NA	NA	280	400	64	16	196	50.35	140.520	<0.4
	Oct	7.1	731	< 1.0	6.8	1.0	NA	NA	216	316	80	19	156	74.44	3.590	0.56
2. NALCO township	April	7.7	571	< 1.0	11.8	4	NA	NA	280	280	32	8	46	27.06	6.841	<0.4
	Oct	7.4	609	< 1.0	6.8	2.4	NA	NA	244	204	45	11	46	40.44	4.491	0.56
<b>Talcher</b>																
3. Mahanadi Coal Field Area	April	7.2	290	< 1.0	7.8	15	NA	NA	88	108	30	7	34	26.12	5.717	<0.4
	Oct	Not Monitored														
4. Kaniha	April	7.5	222	< 1.0	7.8	4	NA	NA	88	84	22	5	14	16.12	2.884	<0.4
	Oct	7.3	402	< 1.0	6.8	3.7	NA	NA	220	192	40	10	10	13.22	5.488	0.56
5. Talcher town	April	7.2	279	< 1.0	7.8	5	NA	NA	104	96	27	7	26	22.47	3.279	<0.4
	Oct	7.1	282	1.2	6.8	1.0	NA	NA	132	96	32	8	22	7.22	5.464	< 0.4
6. Meramundali Area	April	7.7	866	< 1.0	7.8	4	NA	NA	180	300	56	14	196	48.94	7.015	<0.4
	Oct	7.6	1269	< 1.0	6.8	1.3	NA	NA	468	560	176	43	146	110.89	4.161	< 0.4
7. Talcher Thermal Area	April	7.4	729	< 1.0	11.8	13	NA	NA	148	152	40	10	156	39.29	1.392	<0.4
	Oct	7.2	817	< 1.0	6.8	2.5	NA	NA	240	260	64	16	106	50.22	5.827	0.56
8. Banarpal	April	7.2	1202	< 1.0	11.8	5	NA	NA	264	380	58	14	196	97.65	58.191	<0.4
	Oct	7.0	946	< 1.0	6.8	1.0	NA	NA	144	304	79	19	156	105.55	5.532	0.56
9. Kulad	April	8.1	797	< 1.0	7.8	13	NA	NA	240	320	27	7	126	45.41	0.784	<0.4
	Oct	7.4	428	< 1.0	6.8	2.1	NA	NA	192	192	40	10	16	34.89	2.809	0.56
<b>Drinking water specification (IS : 10500 (2012))</b>																
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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<b>2. District : BALASORE (3 stations)</b>																
10. Naigopalpur	April	6.6	363	< 1.0	7.8	2	NA	NA	108	72	22	5	42	18.71	3.072	NA
	Oct	6.8	114	< 1.0	7.8	2.5	NA	NA	36	52	13	3	16	9.44	3.110	< 0.4
11. Kuanrpur	April	7.7	264	< 1.0	7.8	2	NA	NA	56	28	8	2	40	17.53	0.974	NA
	Oct	7.3	287	< 1.0	7.8	3.3	NA	NA	56	44	10	2	46	19.11	3.141	0.56
12. Chakulia	April	6.8	359	< 1.0	7.8	3	NA	NA	100	88	27	7	46	23.65	5.755	NA
	Oct	6.6	424	< 1.0	7.8	1.0	NA	NA	144	176	40	10	28	48.11	9.008	0.56
<b>3. District : BHADRAK (2 Stations)</b>																
13. District Head Quarter Hospital Premises, Bhadrak	April	7.2	285	< 1.0	7.8	6	NA	NA	84	100	30	7	34	26.94	3.016	NA
	Oct	7.0	351	< 1.0	7.8	5.9	NA	NA	184	156	38	9	18	22.67	3.256	0.56
14. Salandi Hospital Premises, Bhadrak	April	7.3	496	< 1.0	7.8	1	NA	NA	240	220	37	9	34	13.88	5.511	NA
	Oct	7.2	355	< 1.0	7.8	1.0	NA	NA	196	156	38	9	14	5.22	6.001	0.56
<b>4. District : BARGARH (2 stations)</b>																
15. Near Bargarh Govt. Hospital, Bargarh	April	7.5	644	< 1.0	7.7	12	NA	NA	164	144	38	9	96	42	6.942	NA
	Oct	7.1	608	< 1.0	7.8	2.3	NA	NA	124	120	34	8	116	44.22	5.982	0.56
16. Near Ganapati Hotel, Bargarh	April	7	3217	< 1.0	7.7	6	NA	NA	240	136	40	10	1095.4	42.47	4.475	NA
	Oct	6.8	1010	< 1.0	7.8	1.0	NA	NA	212	276	85	21	205.8	65.76	5.867	0.56
<b>5. District : BALANGIR (2 stations)</b>																
17. Balangir Medical College, Balangir	April	7.5	1083	< 1.0	7.7	8	NA	NA	196	340	32	8	695.6	63.41	3.686	NA
	Oct	7.4	181	< 1.0	7.8	1.6	NA	NA	76	68	18	4	8	16.89	5.268	0.56
18. Sudapada Post Office, Balangir	April	7.2	2339	< 1.0	7.7	9	NA	NA	180	220	22	5	695.6	50.12	3.555	NA
	Oct	7.1	1787	< 1.0	7.8	2.4	NA	NA	220	340	107	26	495.8	80.22	1.854	0.56

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 <sub>3</sub> , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH <sub>4</sub> -N, mg/L
<b>6. District : BOUDH (2 stations)</b>																
19. Near Town Girls Primary School, Boudh	April	7.3	2136	< 1.0	7.7	2	NA	NA	196	520	144	35	795.6	46	3.479	NA
	Oct	7.6	998	1.1	7.8	6.0	NA	NA	316	328	88	21	156	41.78	4.413	< 0.4
20. Butupali Chowk, Boudh	April	7.7	2135	< 1.0	7.7	1	NA	NA	164	360	112	27	795.6	24.35	8.721	NA
	Oct	7.3	922	< 1.0	7.8	3.0	NA	NA	160	188	40	10	215.9	37.67	3.275	0.56
<b>7. District : CUTTACK (5 stations)</b>																
21. Jagatpur	Apr	6.9	458	< 1.0	7.8	40	NA	NA	124	128	34	8	60	34.82	19.705	<0.4
	Oct	6.7	564	< 1.0	6.7	1.5	NA	NA	168	176	50	12	58	57.55	4.713	< 0.4
22. Mangalabag	Apr	7	220	< 1.0	7.8	4	NA	NA	92	96	22	5	10	22	1.129	<0.4
	Oct	7.0	176	< 1.0	6.7	5.3	NA	NA	76	80	22	5	10	10.22	5.688	< 0.4
23. Madhupatna- Kalyan Nagar Area	Apr	6.7	397	< 1.0	7.8	4	NA	NA	132	152	34	8	60	16.59	2.438	<0.4
	Oct	6.5	350	< 1.0	6.7	1.8	NA	NA	124	104	26	6	34	18.89	2.717	< 0.4
24. Badambadi Area	April	6.9	456	< 1.0	7.8	20	NA	NA	168	152	19	5	46	36.82	0.855	<0.4
	Oct	6.9	305	< 1.0	6.7	2.0	NA	NA	116	84	19	5	34	5.11	4.815	< 0.4
25. Bidanasi- Tulsipur Area	April	7.1	282	< 1.0	7.8	8	NA	NA	96	80	19	5	38	9.53	2.495	<0.4
	Oct	6.8	157	< 1.0	6.7	1.6	NA	NA	60	56	21	5	16	8.89	4.714	< 0.4
<b>8. District : DHENKANAL (2 Stations)</b>																
26. Dhenkanal Daily Market	April	7.1	418	1.5	7.8	4	NA	NA	200	156	38	9	36	25.29	2.981	<0.4
	Oct	6.9	485	< 1.0	6.8	1.0	NA	NA	240	208	51	12	36	27.44	4.067	< 0.4
27. Gajaman UP School, Dhenkanal	April	6.5	214	< 1.0	7.8	13	NA	NA	52	88	11	3	34	16.12	3.936	<0.4
	Oct	7.0	418	1.1	6.8	1.2	NA	NA	168	148	37	9	34	27.78	2.945	0.56

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<b>9. District : DEOGARH (2 stations)</b>																
28. Govt. Medical Premises, Deogarh	April	7.6	221	< 1.0	7.3	3	NA	NA	156	120	26	6	6	6.24	1.559	<0.4
	Oct	6.9	436	< 1.0	6.6	2.9	NA	NA	136	156	40	10	64	28.33	3.171	< 0.4
29. Collector Office Premises, Deogarh	April	7.5	375	< 1.0	7.3	1	NA	NA	196	180	56	14	14	12.71	1.000	<0.4
	Oct	7.3	344	< 1.0	6.6	3.8	NA	NA	152	144	38	9	30	9.33	2.782	< 0.4
<b>10. District : GAJAPATI (2 stations)</b>																
30. Near Municipal Solid Waste Dumpsite, Kellysahi, Paralakhemundi	April	7.3	973	< 1.0	12	2	NA	NA	276	360	16	4	105.9	97.06	116.096	<0.4
	Nov	7.3	408	< 1.0	7.5	1.2	NA	NA	80	104	26	6	66	34.13	1.886	--
31. Inside the premises of DHH, Paralakhemundi	April	7.1	593	< 1.0	12	< 1.0	NA	NA	280	320	22	5	28	49.41	53.616	<0.4
	Nov	7.1	450	< 1.0	7.5	1.7	NA	NA	40	112	27	7	66	83.21	69.941	--
<b>11. District : GANJAM (4 stations)</b>																
<b>BERHAMPUR</b>																
32. Near Railway station	Apr	7.2	517	< 1.0	8	10	NA	NA	196	240	38	9	14	57.88	69.957	<0.4
	Oct	7.1	647	< 1.0	6.7	2.4	NA	NA	200	204	50	12	76	49.78	6.975	< 0.4
33. MKCG Medical College	Apr	7.9	968	< 1.0	8	5	NA	NA	284	240	59	14	216	44.24	3.933	<0.4
	Oct	7.7	527	< 1.0	6.7	1.2	NA	NA	112	124	37	9	86	40.56	3.345	0.56
34. Bus stand	Apr	7.4	1047	< 1.0	12	4	NA	NA	124	144	38	9	256	42.12	18.398	<0.4
	Oct	7.4	720	< 1.0	6.7	1.8	NA	NA	236	228	63	15	86	39.33	3.224	< 0.4
35. Badabazar	Apr	7.1	908	< 1.0	8	1	NA	NA	200	420	45	11	105.9	87.65	160.226	<0.4
	Oct	6.9	854	< 1.0	6.7	2.0	NA	NA	244	216	63	15	126	65.55	4.327	< 0.4
<b>12. District : JAGATSINGHPUR (2 stations)</b>																
<b>PARADEEP</b>																
36. Musadiha	Apr	8.2	314	< 1.0	7.3	< 1.0	NA	NA	104	108	30	7	36	23.77	1.085	<0.4
	Oct	8.2	1908	< 1.0	6.9	1.5	NA	NA	80	160	46	11	645.7	50.22	3.047	< 0.4
37. Badapadia	Apr	8.5	1679	< 1.0	7.3	1	NA	NA	420	60	16	4	355.8	39.53	0.735	<0.4
	Oct	8.4	882	< 1.0	6.9	1.8	NA	NA	60	56	14	4	245.7	35.33	4.601	< 0.4

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<b>13. District : JAJPUR (4 stations)</b>																
<b>SUKINDA</b>																
38. TISCO	April	7.2	302	< 1.0	7.8	1	NA	NA	96	108	30	7	24	31.18	6.200	NA
	Oct	7.2	288	< 1.0	6.7	1.8	NA	NA	112	104	24	6	32	10.11	5.078	0.56
39. Saruabil	April	6.9	275	< 1.0	7.8	1	NA	NA	148	120	30	7	10	8.59	7.487	NA
	Oct	7.3	214	1.2	6.7	2.4	NA	NA	64	56	13	3	34	11.33	3.845	< 0.4
40. Kaliapani	April	6.6	208	< 1.0	7.8	4	NA	NA	88	92	24	6	8	17.85	4.477	NA
	Oct	7.3	291	< 1.0	6.7	3.2	NA	NA	120	116	34	8	26	10.89	3.925	< 0.4
41. Kamarda	April	6.5	286	< 1.0	11.6	1	NA	NA	104	116	14	4	46	17.85	17.362	NA
	Oct	7.3	266	< 1.0	6.7	2.2	NA	NA	100	92	27	7	28	13.11	3.192	0.56
<b>14. District : JHARSUGUDA (8 stations)</b>																
42. Thelkoi	April	Not Monitored														
	Oct	Not Monitored														
43. Bhurkhamunda	April	8.3	198	< 1.0	7.3	2	NA	NA	68	48	13	3	24	10.71	2.336	< 0.4
	Oct	7.2	163	1.0	6.9	8.0	NA	NA	56	52	11	3	16	8.56	17.394	0.56
44. Badamal Industrial Estate	April	6.3	174	< 1.0	10.9	4	NA	NA	60	56	16	4	22	16.94	2.001	< 0.4
	Oct	7.0	113	< 1.0	6.9	4.6	NA	NA	36	44	13	3	10	9.33	9.486	< 0.4
45. Budhipadar	April	6.8	181	< 1.0	7.3	3	NA	NA	72	56	14	4	16	9.76	1.629	< 0.4
	Oct	6.5	180	1.1	6.9	8.1	NA	NA	52	60	16	4	20	6.78	42.249	< 0.4
46. Brajarajnagar Mining Belt	April	5.3	101	< 1.0	7.3	2	NA	NA	24	32	10	2	14	6.82	3.429	< 0.4
	Oct	7.1	198	1.1	6.9	2.2	NA	NA	64	40	11	3	24	5.11	2.927	0.56
47. Rampur (water tank)	April	6.8	138	< 1.0	7.3	1	NA	NA	36	48	14	4	12	20.71	0.536	< 0.4
	Oct	6.6	312	< 1.0	6.9	1.6	NA	NA	124	100	21	5	28	16.56	5.040	0.56
48. Ib thermal power station	April	6	128	< 1.0	7.3	2	NA	NA	44	48	13	3	16	9.76	0.651	< 0.4
	Oct	6.5	76	1.3	6.9	5.6	NA	NA	36	36	8	2	6	5.11	2.382	< 0.4
49. Belpahar Area	April	5.2	309	< 1.0	7.3	2	NA	NA	20	80	24	6	66	25.41	50.252	< 0.4
	Oct	6.6	238	< 1.0	6.9	1.6	NA	NA	76	84	22	5	18	33.78	0.944	0.56

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<b>15. District : KALAHANDI (2 stations)</b>																
50. Goshalpada Colony, Ward No. 7, Bhawanipatna	May	7.1	762	<1.0	10.7	< 1.0	NA	NA	324	360	64	16	96	NA	4.872	NA
	Oct	7.2	1093	< 1.0	7.8	1.6	NA	NA	360	360	109	26	166	48.44	6.250	1.68
51. Sitabudipara Irrigation Colony Ward No. 17, Bhawanipatna	May	6.9	702	<1.0	10.7	< 1.0	NA	NA	212	440	64	16	58	NA	6.613	NA
	Oct	7.3	841	< 1.0	7.8	4.4	NA	NA	336	260	95	23	86	25.78	5.634	0.56
<b>16. District : KEONJHAR (5 stations)</b>																
52. Joda East Iron Ore Mines	April	7.2	431	< 1.0	7.6	5	NA	NA	136	144	38	9	58	20.12	3.139	NA
	Oct	5.4	93	< 1.0	6.8	1.0	NA	NA	40	44	10	2	8	6.33	4.448	0.56
53. Joda West Mn Mines of M/s Tata Steel Ltd.	April	7.1	136	< 1.0	11.4	2	NA	NA	48	40	8	2	13.9	7.18	3.788	NA
	Oct	5.4	90	< 1.0	6.8	1.3	NA	NA	36	36	8	2	6	6.33	4.333	0.56
54. Balda Block Iron ore mines of M/s Sirajuddin	April	6.2	96	< 1.0	11.4	2	NA	NA	24	28	8	2	10	17.29	4.703	NA
	Oct	6.5	104	< 1.0	6.8	1.2	NA	NA	40	44	13	3	8	10.56	4.269	0.56
55. Roida-II Iron ore mines of M/s K.N. Ram and Co	April	5.7	96	< 1.0	7.6	1	NA	NA	32	40	10	2	8	16.24	3.141	NA
	Oct	5.5	98	< 1.0	6.8	1.2	NA	NA	40	40	11	3	10	6.67	5.508	0.56
56. Thakurani Iron ore mines of M/s Kaypee Enterprises	April	5.5	109	< 1.0	7.6	1	NA	NA	28	40	10	2	12	18.12	4.380	NA
	Oct	6.4	151	< 1.0	6.8	1.4	NA	NA	64	68	19	5	14	6.44	5.401	0.56
<b>17. District : KENDRAPARA (2 stations)</b>																
57. Court Chhack. Kendrapada	April	6.9	807	< 1.0	7.3	< 1.0	NA	NA	324	280	48	12	115.9	34.82	2.795	<0.4
	Oct	7.6	720	< 1.0	6.9	2.9	NA	NA	224	172	37	9	116	15.67	4.349	< 0.4
58. Hazaribagicha	April	7.7	895	< 1.0	7.3	2	NA	NA	324	340	40	10	166	21.41	0.886	<0.4
	Oct	8.0	661	1.1	6.9	1.9	NA	NA	244	160	42	10	96	9.33	1.700	0.56

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<b>18. District : KHORDHA (6 stations)</b>																
<b>BHUBANESWAR</b>																
59. Khandagiri Area	April	5.6	270	< 1.0	8	6	NA	NA	< 20	80	24	6	28	67.41	1.497	<0.4
	Oct	5.8	820	1.2	6.8	2.8	NA	NA	36	172	46	11	276	30.78	5.022	0.56
60. Old town-Samantarapur Area	April	6.5	405	< 1.0	7.2	1	NA	NA	180	172	58	14	30	18.35	1.891	<0.4
	Oct	5.8	409	1.5	6.8	2.1	NA	NA	152	132	37	9	34	19.78	3.047	0.56
61. Kalpana-Laxmisagar Area	April	6.3	541	< 1.0	8	5	NA	NA	124	180	42	10	95.9	30.94	1.966	<0.4
	Oct	5.7	330	< 1.0	6.8	2.4	NA	NA	52	44	10	2	66	21.78	6.447	0.56
62. Chandra sekharpur	April	6	207	< 1.0	8	7	NA	NA	< 20	76	24	6	28	43.77	1.094	<0.4
	Oct	5.7	228	1.7	6.8	2.2	NA	NA	20	52	14	4	34	25.78	6.326	< 0.4
63. Capital Hospital Area	April	5.7	210	< 1.0	7.2	4	NA	NA	48	40	11	3	42	11.06	3.058	<0.4
	Oct	6.2	207	< 1.0	6.8	2.7	NA	NA	60	56	16	4	28	5.11	5.441	0.56
64. Secretariate Governor House-Old bus stand Area	April	6	376	< 1.0	7.2	11	NA	NA	132	116	32	8	38	23.53	2.238	<0.4
	Oct	5.6	322	< 1.0	6.8	2.3	NA	NA	84	108	34	8	42	33.67	4.341	< 0.4
<b>19. District : KORAPUT (2 stations)</b>																
65. Jagannath Temple, Koraput	May	7.4	318	<1.0	7.1	< 1.0	NA	NA	108	136	26	6	26	NA	2.830	NA
	Oct	7.0	205	< 1.0	7.8	1.0	NA	NA	40	64	18	4	22	37.56	2.495	0.56
66. Bada Chindri, Koraput	May	6.5	704	<1.0	10.7	< 1.0	NA	NA	56	600	88	21	106	NA	3.315	NA
	Oct	7.4	242	< 1.0	7.8	1.0	NA	NA	88	92	29	7	30	13.78	1.492	0.56
<b>20. District : MAYURBHANJ (2 stations)</b>																
67. Dhangidimula Village, Kusumi Block Office	April	6.8	155	< 1.0	7.8	70	NA	NA	44	60	18	4	10	23.65	1.019	NA
	Oct	6.9	183	< 1.0	7.8	38.0	NA	NA	96	72	14	4	8	5.44	2.500	0.56
68. Dhangidimula Village, Sukribating Basti	April	6.8	267	< 1.0	11.6	9	NA	NA	100	104	30	7	24	13.53	8.574	NA
	Oct	6.6	229	< 1.0	7.8	6.4	NA	NA	64	68	19	5	44	7.11	12.898	0.56

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 <sub>3</sub> , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH <sub>4</sub> -N, mg/L
<b>21. District : MALKANGIRI (2 stations)</b>																
69. MV 43, Malkanigiri	May	6.8	633	<1.0	7.1	3.5	NA	NA	232	320	54	13	66	NA	3.495	NA
	Oct	7.0	446	< 1.0	7.8	1.4	NA	NA	180	156	37	9	38	25.67	4.368	0.56
70. Tekbadi of Netaji nagar, Malkanigiri	May	6.7	1115	<1.0	7.1	1.7	NA	NA	260	840	64	16	106	NA	3.997	NA
	Oct	6.9	691	< 1.0	7.8	3.5	NA	NA	140	164	51	12	136	39.89	4.917	0.56
<b>22. District : NAWARANGPUR (2 stations)</b>																
71. Tota guda, Nawarangpur	May	6.6	649	<1.0	10.7	3.9	NA	NA	60	240	51	12	145.8	NA	7.565	NA
	Oct	6.4	333	< 1.0	7.8	7.2	NA	NA	84	88	29	7	68	11.44	5.293	0.56
72. Gabraliguda, Nawarangpur	May	6.5	276	<1.0	7.1	1.3	NA	NA	96	116	29	7	28	NA	4.040	NA
	Oct	6.8	163	< 1.0	7.8	32.0	NA	NA	80	60	13	3	10	5.11	5.787	1.12
<b>23. District : NAYAGARH (2 stations)</b>																
73. Near Solid Waste Dumpsite, Nayagarh	April	6.1	146	1.2	8	15	NA	NA	28	40	6	2	22	14.12	10.506	<0.4
	Oct	7.8	1249	< 1.0	6.7	1.4	NA	NA	480	380	90	22	136	49.33	43.795	< 0.4
74. Inside District Medical Campus, Nayagarh	April	6.0	550	< 1.0	12	11	NA	NA	36	44	8	2	156	28.12	7.726	<0.4
	Oct	7.4	1060	1.2	6.7	2.0	NA	NA	340	296	79	19	146	60.67	3.892	< 0.4
<b>24. District : NUAPADA (2 stations)</b>																
75. Nuapada Govt. Hospital, Nuapada	April	7.5	421	< 1.0	7.7	8	NA	NA	132	128	38	9	66	25.65	5.688	NA
	Oct	7.1	549	< 1.0	11.8	3.2	NA	NA	164	192	61	15	76	26.89	3.031	0.56
76. Nilasaila nagar, Nuapada	April	7.3	480	< 1.0	7.7	15	NA	NA	96	88	22	5	96	18.12	1.969	NA
	Oct	7.1	325	< 1.0	7.8	6.9	NA	NA	104	108	24	6	56	14.44	5.899	0.56
<b>25. District : KANDHAMAL (2 stations)</b>																
77. Solid Waste Management site, Phulbani	April	7.4	816	< 1.0	8	7	NA	NA	252	280	43	11	76	92.94	4.601	<0.4
	Oct	6.8	156	< 1.0	6.7	1.2	NA	NA	28	60	14	4	28	18.89	5.701	< 0.4
78. District Head Quarter Hospital, Phulbani	April	6.5	397	< 1.0	8	7	NA	NA	120	160	50	12	40	43.77	4.778	<0.4
	Oct	7.4	520	< 1.0	6.7	1.5	NA	NA	168	160	48	12	46	38.67	5.161	< 0.4



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 <sub>3</sub> , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH <sub>4</sub> -N, mg/L
<b>26. District : PURI (4 stations)</b>																
79. Hospital-Busstand-Mausima temple area, Puri	April	7.4	1089	< 1.0	7.8	4	NA	NA	200	280	48	12	271.7	23.53	2.932	<0.4
	Oct	7.8	999	1.2	7.9	2.4	NA	NA	280	276	72	18	166	36.22	2.643	0.56
80. Near Jagannath Temple, Puri	April	7.4	1272	< 1.0	11.8	1	NA	NA	200	400	40	10	315.8	57.88	5.379	0.56
	Oct	7.6	1134	< 1.0	7.9	1.6	NA	NA	264	292	79	19	215.9	32.78	6.160	0.56
81. Near Sea Beach, Puri	April	7.1	4377	< 1.0	7.8	2	NA	NA	264	580	72	18	1353	92.94	53.871	<0.4
	Oct	8.0	1584	< 1.0	7.9	1.0	NA	NA	160	440	125	30	415.8	118.33	22.798	0.56
82. Baliapanda, Puri	April	7.1	1220	< 1.0	11.8	2	NA	NA	64	112	16	4	415.8	44.94	1.696	<0.4
	Oct	8.4	623	< 1.0	7.9	3.5	NA	NA	68	92	22	5	178	23.56	1.492	0.56
<b>27. District : RAYAGADA (2 stations)</b>																
83. Kasturinagar, Rayagada	May	7.1	308	<1.0	7.1	< 1.0	NA	NA	96	152	42	10	22	NA	6.119	NA
	Oct	7.0	260	< 1.0	7.8	1.2	NA	NA	84	80	22	5	32	11.99	4.627	< 0.4
84. Within the premises of Badelapulama Temple, Rayagada	May	6.8	1876	<1.0	10.7	60	NA	NA	328	520	80	19	395.6	NA	4.375	NA
	Oct	6.9	705	< 1.0	7.8	<1.0	NA	NA	224	204	75	18	86	51.56	3.252	< 0.4
<b>28. District : SAMBALPUR (3 stations)</b>																
85. Near Panthanivas, Sambalpur	April	7.1	347	< 1.0	7.7	15	NA	NA	76	84	22	5	48	34.59	7.391	NA
	Oct	6.3	257	< 1.0	7.8	4.5	NA	NA	60	92	22	5	36	26.99	1.601	< 0.4
86. Near Railway station, Sambalpur	April	7.4	2473	< 1.0	7.7	4	NA	NA	224	220	34	8	695.6	73.65	6.980	NA
	Oct	7.4	1407	< 1.0	7.8	1.3	NA	NA	80	164	51	12	435.8	27.11	6.179	0.56
87. Near VSS Medical College, Burla	April	7.5	589	< 1.0	7.7	3	NA	NA	240	220	30	7	58	31.18	5.320	NA
	Oct	7.0	513	< 1.0	7.8	1.8	NA	NA	188	164	58	14	50	27.56	3.050	0.56

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 <sub>3</sub> , mg/L	Calcium as Ca, mg/L	Magnesium as Mg, mg/L	Chloride, mg/L	Sulphate, mg/L	Nitrate, mg/L	NH <sub>4</sub> -N, mg/L
<b>29. District : SUBARNAPUR (2 stations)</b>																
88. District Head Quarter Hospital, Sonepur	April	7.3	549	< 1.0	7.7	3	NA	NA	180	160	42	10	51.9	40.47	2.949	NA
	Oct	7.7	810	1.1	11.8	2.0	NA	NA	264	228	67	16	86	49.99	4.285	0.56
89. Near Gundicha temple of Tentelghat, Sonepur	April	7.4	526	< 1.0	7.7	6	NA	NA	160	160	48	12	63.9	30.92	3.354	NA
	Oct	7.6	682	< 1.0	7.8	1.4	NA	NA	308	256	79	19	58	37.56	2.532	0.56
<b>30. District : SUNDARGARH (2 stations)</b>																
90. DDM Office Premises, Koira	April	7.2	175	< 1.0	7.3	1	NA	NA	132	108	21	5	6	5.53	0.629	<0.4
	Oct	6.8	113	< 1.0	6.6	3.4	NA	NA	48	52	14	4	6	12.67	5.682	0.56
91. Tensa Residential Area, Koira	April	6.6	485	< 1.0	7.3	1	NA	NA	192	180	46	11	40	25.41	1.629	<0.4
	Oct	7.1	160	< 1.0	6.6	6.6	NA	NA	96	72	24	6	6	5.44	3.291	0.56
<b>Drinking water specification (IS : 10500 (2012))</b>																
<b>Acceptable Limit</b>		6.5-8.5	-	-	-	1	500	-	200	200	75	30	250	200	45	0.5
<b>Permissible limit</b>		No relax	-	-	-	5	2000	-	600	600	200	100	1000	400	No relax	No relax

NA : Not analysed

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Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO <sub>4</sub> <sup>3-</sup> -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
<b>1. ANGUL (2 stations)</b>																	
1. Angul Township	April	3.36	0.186	0.050	99.45	48.4	NA	NA	0.00037	0.0024	0.006	0.011	0.028	0.010	0.214	<1.8	<1.8
	Oct	< 1.5	0.33	< 0.05	61.8	21.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2. NALCO township	April	0.56	0.496	< 0.05	15.73	5.39	NA	NA	0.00037	0.0024	0.004	0.013	0.012	0.044	2.841	<1.8	<1.8
	Oct	< 1.5	0.61	< 0.05	38.11	13.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Mahanadi Coal Field Area	April	2.8	0.161	0.199	15.64	7.39	NA	NA	0.00037	0.0015	0.003	0.004	0.013	0.025	0.998	<1.8	<1.8
	Oct	Not Monitored															
4. Kaniha	April	3.92	0.132	0.064	11.52	6.09	NA	NA	0.00037	0.0015	0.004	0.009	0.014	0.022	0.092	<1.8	<1.8
	Oct	1.68	0.31	< 0.05	8.51	2.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5. Talcher town	April	3.36	0.195	0.053	21.33	10.39	NA	NA	0.00037	0.0016	0.010	0.006	0.012	0.114	0.106	<1.8	<1.8
	Oct	< 1.5	0.21	< 0.05	19.41	3.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6. Meramun dali Area	April	1.68	0.409	< 0.05	66.65	26.11	NA	NA	0.00037	0.0021	0.003	0.012	0.010	0.007	0.697	<1.8	<1.8
	Oct	< 1.5	0.68	< 0.05	55.45	22.76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7. Talcher Thermal Area	April	4.48	0.406	0.136	84.45	36.65	NA	NA	0.00037	0.0021	0.006	0.008	0.020	0.069	0.876	<1.8	<1.8
	Oct	< 1.5	0.875	< 0.05	55.55	21.05	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8. Banarpal	April	0.56	0.277	< 0.05	91.95	41.8	NA	NA	0.00037	0.0016	0.005	0.008	0.022	0.023	0.160	<1.8	<1.8
	Oct	1.68	0.42	< 0.05	57.45	23.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9. Kulad	April	0.56	1.01	< 0.05	40.32	19.36	NA	NA	0.00037	0.0021	0.025	0.010	0.026	0.159	1.196	<1.8	<1.8
	Oct	< 1.5	1.01	< 0.05	15.05	6.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Drinking water specification (IS : 10500 (2012))</b>																	
<b>Acceptable Limit</b>		-	1.0	-	-	-	0.5	-	0.001	0.003	0.05	0.01	0.02	5.0	1.0*	Absent	
<b>Permissible limit</b>		-	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 <sub>4</sub> <sup>3-</sup> -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
<b>2. District : BALASORE (3 Stations)</b>																	
10. Naigopalpur	April	NA	0.163	< 0.05	36.19	20	NA	NA	0.00037	0.0028	0.004	0.011	0.015	0.010	0.762	<1.8	<1.8
	Oct	2.24	0.198	< 0.05	7.44	2.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
11. Kuanrpur	April	NA	6.09	< 0.05	35.62	19	NA	NA	0.00037	0.0026	0.006	0.009	0.013	0.009	0.222	<1.8	<1.8
	Oct	< 1.5	4.88	< 0.05	39.41	14.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
12. Chakulia	April	NA	0.823	< 0.05	29.36	15	NA	NA	0.00037	0.0011	0.002	0.007	0.014	0.040	0.468	<1.8	<1.8
	Oct	2.24	0.108	< 0.05	14.33	6.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	2200	490
<b>3. District : BHADRAK (2 Stations)</b>																	
13. District Head Quarter Hospital Premises, Bhadrak	April	NA	0.74	0.010	18.46	9	NA	NA	0.00037	0.0008	0.003	0.007	0.003	0.009	0.291	<1.8	<1.8
	Oct	< 1.5	0.49	< 0.05	17.96	7.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
14. Salandi Hospital Premises, Bhadrak	April	NA	0.761	< 0.05	17.11	9	NA	NA	0.00037	0.0010	0.004	0.009	0.003	0.004	0.046	<1.8	<1.8
	Oct	< 1.5	0.66	< 0.05	11.95	5.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
<b>4. District : BARGARH (2 stations)</b>																	
15. Near Bargarh Govt. Hospital, Bargarh	April	NA	0.39	1.037	66.25	22	NA	NA	0.00037	0.0016	0.002	0.007	0.004	0.035	0.071	<1.8	<1.8
	Oct	3.36	0.61	< 0.05	70.85	28.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
16. Near Ganapati Hotel, Bargarh	April	NA	0.32	0.718	695.5	110	NA	NA	0.00037	0.0013	0.002	0.005	0.004	0.009	0.688	<1.8	<1.8
	Oct	2.24	0.33	< 0.05	95.8	37.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8



Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO <sub>4</sub> <sup>3-</sup> -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
<b>8. District : DHENKANAL (2 Stations)</b>																	
26. Dhenkanal Daily Market	April	0.56	0.19	0.146	29.54	14.32	NA	NA	0.00037	0.0018	0.003	0.008	0.010	0.006	0.660	<1.8	<1.8
	Oct	< 1.5	0.38	< 0.05	29.54	10.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27. Gajaman UP School, Dhenkanal	April	2.24	0.164	0.177	11.33	6.11	NA	NA	0.00037	0.0018	0.005	0.006	0.005	0.029	0.260	<1.8	<1.8
	Oct	2.24	0.38	< 0.05	28.13	10.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>9. District : DEOGARH (2 stations)</b>																	
28. Govt. Medical Premises, Deogarh	April	4.48	0.531	< 0.05	6.68	2.51	NA	NA	0.00037	<0.0005	0.005	0.008	0.012	0.012	1.058	<1.8	<1.8
	Oct	2.24	0.172	0.143	30.73	13.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29. Collector Office Premises, Deogarh	April	3.92	0.8	< 0.05	6.58	2.43	NA	NA	0.00037	<0.0005	0.003	0.008	0.011	0.009	0.048	<1.8	<1.8
	Oct	< 1.5	0.29	< 0.05	10.03	4.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>10. GAJAPATI (2 stations)</b>																	
30. Near Municipal Solid Waste Dumpsite, Kellysahi, Paralakhemundi	April	1.12	0.934	< 0.05	67.75	51.3	NA	NA	0.00074	0.0020	0.009	0.007	0.013	0.041	0.051	<1.8	<1.8
	Nov	2.8	0.45	< 0.05	38.55	16.13	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
31. Inside the premises of DHH, Paralakhemundi	April	3.36	0.471	< 0.05	19.39	3.83	NA	NA	0.00037	0.0021	0.008	0.010	0.011	0.009	0.145	<1.8	<1.8
	Nov	< 1.5	0.77	< 0.05	58.11	20.16	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8



Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO <sub>4</sub> <sup>3-</sup> -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
<b>14. District : JHARSUGUDA (8 stations)</b>																	
42. Thekoi	April	Not Monitored															
	Oct	Not Monitored															
43. Bhurkhamunda	April	1.68	1.2	0.103	17.65	9.81	NA	NA	0.00037	0.0013	0.012	0.007	0.010	0.022	0.508	<1.8	<1.8
	Oct	3.36	0.31	< 0.05	14.33	5.48	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
44. Badamal Industrial Estate	April	2.24	0.724	0.107	20.38	4.49	NA	NA	0.00037	0.0011	0.011	0.007	0.009	0.083	0.347	<1.8	<1.8
	Oct	2.8	0.149	< 0.05	9.71	3.44	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45. Budhipadar	April	0.56	1.29	0.057	12.65	5.16	NA	NA	0.00037	0.0009	0.007	0.006	0.009	0.116	0.902	<1.8	<1.8
	Oct	2.24	0.14	< 0.05	18.66	6.52	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
46. Brajarajna gar Mining Belt	April	1.12	0.738	0.064	8.92	3.92	NA	NA	0.00037	0.0013	0.004	0.009	0.009	0.082	0.668	<1.8	<1.8
	Oct	3.92	0.25	< 0.05	22.59	7.81	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47. Rampur (water tank)	April	2.24	0.761	< 0.05	6.09	2.13	NA	NA	0.00037	0.0011	0.004	0.008	0.009	0.110	2.053	<1.8	<1.8
	Oct	4.48	0.34	< 0.05	25.67	9.15	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
48. Ib thermal power station	April	3.92	0.626	< 0.05	5.44	1.67	NA	NA	0.00037	0.0010	0.004	0.008	0.013	0.153	3.320	<1.8	<1.8
	Oct	2.8	0.143	< 0.05	6.03	2.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49. Belpahar Area	April	6.72	1.1	< 0.05	34.64	13.15	NA	NA	0.00037	0.0018	0.028	0.010	0.018	0.169	1.343	<1.8	<1.8
	Oct	2.8	0.21	< 0.05	17.27	7.46	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>15. District : KALAHANDI (2 stations)</b>																	
50. Goshalpada Colony, Ward No. 7, Bhawanipatna	Ma y	NA	0.413	<0.05	61.1	21.36	NA	NA	0.00037	0.0014	0.003	0.012	0.015	0.011	0.048	<1.8	<1.8
	Oct	2.24	0.53	< 0.05	82.6	29.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8





Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO <sub>4</sub> <sup>3-</sup> -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
<b>18. District : KHORDHA (6 stations)</b>																	
<b>BHUBANESWAR</b>																	
59. Khandagiri Area	April	1.68	0.137	< 0.05	17.33	9.33	NA	NA	0.00037	0.0016	0.027	0.010	0.014	0.179	6.250	<1.8	<1.8
	Oct	7.28	0.15	< 0.05	106.1	48.25	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
60. Old town-Samantarapur Area	April	5.04	0.501	0.084	13.28	6.22	NA	NA	0.00037	0.0027	0.003	0.009	0.026	0.012	0.904	<1.8	<1.8
	Oct	1.68	0.41	< 0.05	30.05	10.43	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
61. Kalpana-Laxmisagar Area	April	2.8	0.124	< 0.05	31.12	22.36	NA	NA	0.00037	0.0014	0.010	0.008	0.017	0.179	1.178	<1.8	<1.8
	Oct	6.16	0.171	< 0.05	47.13	19.29	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
62. Chandrasekharpur	April	2.8	0.168	< 0.05	10.09	5.69	NA	NA	0.00037	0.0008	0.003	0.007	0.011	0.093	0.391	<1.8	<1.8
	Oct	2.24	0.091	< 0.05	29.51	10.66	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
63. Capital Hospital Area	April	5.6	0.263	0.046	25.68	12.39	NA	NA	0.00037	0.0019	0.036	0.008	0.010	0.011	7.825	<1.8	<1.8
	Oct	3.92	0.11	< 0.05	22.33	8.02	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
64. Secretariate Governor House-Old bus stand Area	April	4.48	0.302	0.054	24.1	12.06	NA	NA	0.00037	0.0018	0.010	0.009	0.009	0.165	0.467	<1.8	<1.8
	Oct	2.8	0.129	< 0.05	20.52	8.79	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>19. District : KORAPUT (2 stations)</b>																	
65. Jagannath Temple, Koraput	May	NA	0.103	<0.05	21.23	11.22	NA	NA	0.00037	0.0009	0.003	0.007	0.008	0.010	0.088	<1.8	<1.8
	Oct	< 1.5	0.115	< 0.05	14.15	6.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	27	11
66. Bada Chindri, Koraput	May	NA	0.105	<0.05	80.95	36.1	NA	NA	0.00037	0.0015	0.003	0.006	0.020	0.041	0.036	<1.8	<1.8
	Oct	< 1.5	0.184	< 0.05	15.08	6.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8





Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO <sub>4</sub> <sup>3-</sup> -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
81. Near Sea Beach, Puri	April	3.92	0.187	0.285	732	76	NA	NA	0.00037	0.0021	0.004	0.007	0.014	0.007	0.695	NA	NA
	Oct	< 1.5	0.112	< 0.05	166.1	49.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
82. Baliapanda, Puri	April	1.68	0.168	< 0.05	242.3	36	NA	NA	0.00037	0.0028	0.003	0.008	0.017	0.073	0.544	NA	NA
	Oct	< 1.5	0.22	< 0.05	92.85	36.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>27. District : RAYAGADA (2 stations)</b>																	
83. Kasturinagar, Rayagada	May	NA	0.377	<0.05	19.27	5.09	NA	NA	0.00037	0.0021	0.010	0.005	0.003	0.018	0.022	<1.8	<1.8
	Oct	< 1.5	0.181	< 0.05	15.22	17.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
84. Within the premises of Badelapulama Temple, Rayagada	May	NA	0.136	<0.05	232.6	56.3	NA	NA	0.00037	0.0024	0.005	0.013	0.017	0.012	0.129	<1.8	<1.8
	Oct	< 1.5	0.168	< 0.05	60.55	24.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
<b>28. District : SAMBALPUR (3 stations)</b>																	
85. Near Panthanivas, Sambalpur	April	NA	0.143	2.159	30.22	13	NA	NA	0.00037	0.0012	0.002	0.007	0.003	0.010	0.072	<1.8	<1.8
	Oct	< 1.5	0.172	< 0.05	14.62	6.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
86. Near Railway station, Sambalpur	April	NA	0.317	2.503	418.6	89	NA	NA	0.00037	<0.0005	0.001	0.003	0.006	0.012	0.332	<1.8	<1.8
	Oct	1.68	0.35	< 0.05	213.5	61.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
87. Near VSS Medical College, Burla	April	NA	0.77	< 0.05	37.44	15	NA	NA	0.00037	0.0012	0.006	0.004	0.003	0.004	0.291	<1.8	<1.8
	Oct	< 1.5	0.48	< 0.05	39.83	10.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8

Monitoring Station	Month of Monitoring	Total Kjeldahl N, mg/L	Fluoride, mg/L	PO <sub>4</sub> <sup>3-</sup> -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
<b>29. District : SUBARNAPUR (2 stations)</b>																	
88. District Head Quarter Hospital, Sonapur	April	NA	0.502	0.136	39.46	17.25	NA	NA	0.00037	0.0010	0.002	0.005	0.004	0.014	0.137	<1.8	<1.8
	Oct	2.24	0.46	0.190	60.3	25.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
89. Near Gundicha temple of Tentelghat, Sonapur	April	NA	0.36	0.363	33.55	19.27	NA	NA	0.00037	0.0009	0.003	0.004	0.005	0.017	0.203	<1.8	<1.8
	Oct	3.36	0.37	0.178	40.16	20.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	<1.8
<b>30. District : SUNDARGARH (2 stations)</b>																	
90. DDM Office Premises, Koira	April	9.52	0.733	< 0.05	8.11	2.47	NA	NA	0.00037	<0.0005	0.002	0.007	0.005	0.010	0.152	<1.8	<1.8
	Oct	1.68	0.126	< 0.05	5.76	2.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
91. Tensa Residential Area, Koira	April	5.04	0.6	< 0.05	26.34	11.17	NA	NA	0.00037	0.0010	0.004	0.009	0.013	0.009	0.015	<1.8	<1.8
	Oct	< 1.5	0.133	< 0.05	5.38	2.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Drinking water specification (IS : 10500 (2012))</b>																	
<b>Acceptable Limit</b>		-	1.0	-	-	-	0.5	-	0.001	0.003	0.05	0.01	0.02	5.0	1.0*	Absent	
<b>Permissible limit</b>		-	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