

Surface Water Quality Data in Yanam Region - 2022				
Sl.No.	Parameters	Gautami - Godavari River Near Adavipolam	Coringa River (Tidal Lock)	Gautami - Godavari River Near Balayogi Bridge
	Station Code	2443	2444	2442
1	Latitude	16.725069	16.730167	16.714594
2	Longitude	82.205961	82.217389	82.261536
3	Dt.Of Sampling	29.11.2022	29.11.2022	29.11.2022
4	Time	9:30 AM	10:45 AM	11:45 AM
5	Temperature °C	29.0	29.0	30.0
6	DO mg/l	7.3	7.0	8.5
7	pH	7.99	8.03	8.29
8	Conductivity µmho/cm	16600	10460	9800
9	BOD mg/l	BDL (DL : 1.0)		
10	Nitrate - N mg/l	BDL (DL : 0.3)		
11	Nitrite - N mg/l	BDL (DL : 0.02)		
12	Nitrate mg/l	BDL		
13	Turbidity NTU	1.7	3.0	1.5
14	Bi- Carbonate as CaCO ₃ mg/l (T.Alkalinity)	136.0	142.0	138.0
15	Carbonate as CaCO ₃ mg/l (P.Alkalinity)	BDL (DL : 5)	7	14
16	Bi- Carbonate as HCO ₃ ⁻ (mg/l)	161.04	164.7	151.28
17	Carbonate as CO ₃ ²⁻ (mg/l)	BDL (DL : 3)	4.2	8.4
18	Chloride mg/l	4465.28	2346.65	2061.63
19	COD mg/l	BDL (DL : 5.0)		
20	Total Hardness mg/l	1449	878	798

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	Station Code	2443	2444	2442
21	Calcium Hardness mg/l	327	294	204
22	Calcium as Ca++ mg/l	130.8	117.6	81.6
23	Magnesium Hardness mg/l	1122	584	594
24	Magnesium as Mg++ mg/l	272.65	141.91	144.34
25	Sulphate mg/l	613.35	361.63	303.74
26	Orthophosphate mg/l	BDL (DL : 0.05)	0.26	0.16
27	TDS mg/l	7832	4791	4148
28	TSS mg/l	15.0	26.0	14.0
29	FDS/TFS mg/l	7056	4078	3582
30	Ammonia - N mg/l	BDL (DL : 0.4)		
31	Hexavalent Chromium mg/l	BDL		
32	Arsenic mg/l	BDL (DL : 0.00049)		
33	Cadmium mg/l	BDL (DL : 0.00042)		
34	Copper mg/l	BDL (DL : 0.00035)		
35	Lead mg/l	BDL (DL : 0.00031)		
36	Total Chromium mg/l	0.012	BDL (DL : 0.00056)	
37	Mercury mg/l	BDL (DL : 0.00052)		
38	Nickel mg/l	BDL (DL : 0.00054)		
39	Zinc mg/l	BDL (DL : 0.00059)		
40	Iron mg/l	0.38	0.76	0.20

BDL - Below Detectable Limit; DL - Detection Limit