

**GOVERNMENT OF ANDHRA PRADESH**  
**RURAL WATER SUPPLY & SANITATION DEPARTMENT**  
**INTERNAL WATER QUALITY MONITORING LABORATORY**

**RWS&S (P) DIVISION, VIJAYAWADA.**

**REPORT ON CHEMICAL ANALYSIS OF WATER (DRINKING)**

**Samples Referred From: Atkinson High School, Gollapudi, Vijayawada**

General (physico-chemical Parameters)

Sl. No.	Tested Date	Name of the Mandal	Name of the Gram Panchayat	Location	Type of Source	Turbidity (1.0-5.0) N.T.U	pH (6.5-8.5)	Electrical Conductivity (microsiemens/Cm (0-2500))	Total Dissolved Solids (500-2000) Mg/L	Total Alkalinity as CaCO <sub>3</sub> (200-600) Mg/L	Total Hardness as CaCO <sub>3</sub> (200-600) Mg/L	Calcium as Ca++ (75-200) Mg/L	Magnesium as Mg++ (30-100) Mg/L	Chloride as Cl <sup>-</sup> (250-1000) Mg/L	Fluoride as F <sup>-</sup> (1.0-1.5) Mg/L	Nitrates as NO <sub>3</sub> (0-45) Mg/L	Sulphate as SO <sub>4</sub> (200-400) Mg/L	Iron as Fe (0-1.0) Mg/L	Remarks
1	06.06.23	Vijayawada	Gollapudi	High School Block	1HP Bore Water	1	7.68	1880	1213	540	124	20	18	184	0.58	5.4	24	0.14	Chemically Satisfactory
2	06.06.23	Vijayawada	Gollapudi	K.G.Block Backside	5HP Bore Water	2	7.92	2820	1819	580	392	62	57	454	0.60	14.6	88	0.28	Chemically Satisfactory
3	06.06.23	Vijayawada	Gollapudi	R.O.Plant	R.O.Plant Water	Nil	6.80	48	29	12	8	2	1	8	0.24	Nil	2	0.01	Chemically Satisfactory

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 7/6/23

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**REPORT ON BACTERIOLOGICAL ANALYSIS OF WATER (DRINKING)**

Sl. No.	Date of collection	Name of the Mandal	Name of the Grama Panchayat	Location	Type of Source	H2S Producing Bacteria	MPN of Coliform per 100ml	MPN of E.coli Per 100ml	Result
1	06.06.23	Vijayawada	Gollapudi	High School Block	1HP Bore Water	Negative	0	-	Wholesome (Potable)
2	06.06.23	Vijayawada	Gollapudi	K.G.Block Backside	5HP Bore Water	Negative	0	-	Wholesome (Potable)
3	06.06.23	Vijayawada	Gollapudi	R.O.Plant	R.O.Plant Water	Negative	0	-	Wholesome (Potable)

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