

# WATER TESTING SUB.DIVISION LABORATORY

(Office Of The Assistant Engineer .Public Health Engg. Sub Division Gadarwara)

Lab. Ref.No./Report No. <u>25/05/2021</u> Date <u>25/05/2021</u>	District :- Narsinghpur
TO, <u>Principal Kabra Memorial public school Gadarwara</u>	Details Information of Water Sample/Water Source
Particular of Sample :- Collected/Not Collected By PHED	Location :- <u>Kabra Memorial public sch</u> Village:- <u>Gadarwara</u>
Water Source Type :- T/W <input checked="" type="checkbox"/> H.P. <input type="checkbox"/> PWSS T/W <input type="checkbox"/>	Block :- Saikheda <input checked="" type="checkbox"/> / Chichli <input type="checkbox"/>
Analysis/Testing Conduct By :- GDR LAB ANALYST	Date Of Collection/receipt <u>25/05/2021</u> Date Of Analysis/Testing <u>25/05/2021</u>

### ANALYSIS

S.N.	Characteristic	Unit	As per BIS - 10500:2012 For Drinking Water		Water Sample Result	Remark
			Acceptable	Case For Rejection		
<b>PHYSICAL TEST :-</b>						
1	Temperature	0 <sup>c</sup>	---	---	20 <sup>c</sup>	
2	Turbidity	NTU	1.0	5.0	4.0	
3	colour	Hazan	5.0	15	---	
4	Test & Odoure	---	Unobjection able		---	
<b>CHEMICAL TEST :-</b>						
5	pH	---	6.5 to 8.5	<6.5 or 8.5>	7.4	
6	Alkalinity	Mg/l	200	600	122.42	
7	Chloride (as Cl.)	Mg/l	250	1000	75.40	
8	Nitrate (as NO <sub>3</sub> )	Mg/l	45	45	14.54	
9	Total Hardness (as CaCO <sub>3</sub> )	Mg/l	200	600	302	
10	Maganese (as Mn)	Mg/l	0.1	0.3	0.0	
11	Total Dissolved Solids(TDS)	Mg/l	500	2000	714	
12	Iron (as Fe)	Mg/l	0.3	1.0	0.2	
13	Flouride(as F)	Mg/l	1.0	1.5	0.7	
14	Sulphate (as SO <sub>4</sub> )	Mg/l	200	400	32.42	
15	Residual Chlorine	Mg/l	0.2	1.0	0.0	
<b>BACTERIOLOGICAL TEST :-</b>						
16	TTC/Thermo tolerant coliform	MPN/100ml	0.0	0.0	0.0	
17	Feacal Coliform/E.Coli	MPN/100ml	0.0	0.0	0.0	

Water Sample Result Remark :- water is potable

**Note:-** 1. Not to be produced at Court of Law.  
 2. We do not take any responsibility in test result due to wrong collection of sample.  
 3. The figures indicated under column "Acceptable" in the table given above are the limit up to which the water is generally acceptable to the consumer. Figures in excess of those mentioned under "Acceptable" render the water not acceptable in the absence of alternative and better source but up to the limit under "column" case of rejection above beyond which the supply will have to be rejected.

**Caution :-** The chemical and physical properties of the water change drastically with respect to time therefore ensure that sample reaches the laboratory with in the prescribe time limit of 72 Hrs. for portable water. The min. quantity of the sample required for such test is 2.00Liters for Bacteriological test the Max prescribe time limit of 30 Min. in case where it is not possible the sample bottle must be kept in ice. for such testes sterilised bottle must be used and these should be filled up to their 2/3 height.

*[Signature]*  
 CHEMIST  
 PHED Sub. Dn. GADARWARA

*[Signature]*  
 ASSISTANT ENGINEER  
 PHED Sub. Dn. GADARWARA