

साल में एक बार रसायनिक जाँच और चार जैविक प्रदूषण की जाँच आवश्यक ही करायें।  
बिहार सरकार की यह व्यवस्था निःशुल्क है।

Government of Bihar  
District Level Water Quality Testing Laboratory  
Public Health Engineering Department

P.H. Division, Gaya

Reg.Sr.No./Code: /GAYA/W/ -473 Year 2023-24 TEST CERTIFICATE

Location:- National Public School Chankand District:-Gaya			Date of Sampling :-26.05.2023			
Sample Collected by -Self			Date of Receiving in Lab :- 26.05.2023			
Source of Sample - Boring			Date of Performance :- 26.05.2023to 29.05.2023			
Date of issued :- 29.05.2023						
PHYSICO - CHEMICAL TEST REPORT						
Sl. No.	Parameters	Desirable Limit.	Permissible Limit in absence of alternate source.	Method of testing Parameters.	Test Result	Remarks
01	02	03	04	05	06	07
01	pH Value	6.5-8.5	No Relaxation	pH meter	7.01	All tested parameter are in permissible limit.
02	Turbidity .NTU ,Max.	01	05	Nephelometer	1.29	
03	Conductivity U mho /cm	-	-	Conductivity meter	510	
04	Total Dissolved solid.mg/l, Max	500	2000	TDS meter	330	
05	Total Hardness (as CaCO3), mg/l Max.	200	600	EDTA method	190	
06	Calcium (as Ca), mg/l, Max	75	200	EDTA method	72	
07	Magnesium (as Mg), mg/l, Max.	30	100	EDTA method	12.08	
08	Chloride (as Cl),mg/l, Max.	250	1000	Titration	65.98	
09	Alkalinity (as CaCO3),mg/l, Max.	200	600	Titration	180	
10	Iron (as Fe),mg/l, Max.	1.00	No Relaxation	Phenonthroline	Not Test	
11	Nitrate (as NO3),mg/l, Max.	45	No Relaxation	UV-method	Not Test	
12	Sulphate (as SO4), mg/l, Max.	200	400	Turbidity method	25	
13	Fluoride (as F),mg/l, Max.	1.00	1.50	SPANDS	0.72	
14	Arsenic (as As),PPB, Max.	0.01(Mg/l)	NR	UV-method	Not Test	
15	MPN of Total Coli form in 100 ml.	-	-	Test tube technique	Negative	

- Note:-
- \*BDL means Below detection limit
  - Drinking Water specification First Revision-IS:10500:1991.Edition 2.2(2003-09) (Reaffirmed 1993)
  - All the testing parameters methods are taken by APHA
  - Not test due to chemical deficiency or Apparatus

Shailendra  
29.05.23  
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