

साल में एक बार रसायनिक जाँच और चार जैविक प्रदूषण की जाँच आवश्य ही कराये।  
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/ -502 Year 2023-24 TEST CERTIFICATE

Location:- Radhukul International School Jagdish path,Medical Chapardah Road				Date of Sampling :-16.06.2023		
District:-Gaya				Date of Receiving in Lab :- 16.06.2023		
Sample Collected by –Self				Date of Performance :- 16.06.2023 to 19.06.2023		
Source of Sample – Boring				Date of issued :- 19.06.2023		
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	7.52	All tested parameter are in permissible limit.
02	Turbidity .NTU ,Max.	01	05	Nephalometer	0.25	
03	Conductivity U mho /cm	-	-	Conductivity meter	1000	
04	Total Dissolved solid.mg/l, Max	500	2000	TDS meter	650	
05	Total Hardness (as CaCO <sub>3</sub> ), mg/l Max.	200	600	EDTA method	208	
06	Calcium (as Ca), mg/l, Max	75	200	EDTA method	65.6	
07	Magnesium (as Mg), mg/l, Max.	30	100	EDTA method	106	
08	Chloride (as Cl),mg/l, Max.	250	1000	Titration	88	
09	Alkalinity (as CaCO <sub>3</sub> ),mg/l, Max.	200	600	Titration	320	
10	Iron (as Fe),mg/l, Max.	1.00	No Relaxation	Phenonthroline	Not Test	
11	Nitrate (as NO <sub>3</sub> ),mg/l, Max.	45	No Relaxation	UV-method	Not Test	
12	Sulphate (as SO <sub>4</sub> ), mg/l, Max.	200	400	Turbidity method	25	
13	Fluoride (as F),mg/l, Max.	1.00	1.50	SPANDS	0.56	
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:- 1. \*BDL means Below detection limit  
2. Drinking Water specification First Revision-IS:10500:1991.Edition 2.2(2003-09) (Reaffirmed 1993)  
3. All the testing parameters methods are taken by APHA.  
4. Not test due to chemical deficiency or Apparatus

जल नमूना का संग्रह दिनांक 16.6.23  
Self के द्वारा किया गया है।

Shailendra  
19.06.23  
Chemist  
P.H. Division, Gaya