GOVERNMENT OF BIHAR

P. H. Division, Begusarai

DISTRICT LEVEL DRINKING WATER TESTING LABORATORY, BEGUSARAI.

Report No.: WQ/ T/ 01/ 2007 - 3283 Dt. 12.09.2023

Ref Memo No.:- MKHS/BGS/LT-23/NOC/2023-24 Date - 11.09.2023

Source of Sample :- Boring Treated Water

Sample Collected By :- School Staff

Date of Sampaling - 11.09.2023

Sampal recieved on -11.09,2023

PHYSICO-CHEMICAL TEST REPORT

| | SI. SITE NAME | MAHAMANA KNOWLEDGE HERITAGE SCHOÖL BARAUNI , Begusarai |
|---|-----------------|---|
| | Hq | 7.9 |
| | Turbidity | BDL |
| Physico - Chemical Parameters ppm (mg /l) | Conductivity | 323 |
| | SQT | 210 |
| | Total Hardness | 264 |
| | muioleO | 68 mg/l |
| | шпізәивеМ | 17 mg/l |
| | Chloride | .55 mg/l |
| | Alkalanity | 166 mg/l |
| | lron | 0.37 |
| | Mitrate | 5 mg/l |
| | Arsenic | BOL |
| | Fluoride | 0.60 mg/l |
| | Bacteriological | Negative |

| | : | : | [lsiv 2 _s H] | |
|-------------------|------------------|---|--------------------------------------|--|
| | 1.0mg/l | 1.5mg/l | oinsmotorhoped2 VU | |
| | 0.01mg/l | NR | UV Spectrophotomatric | |
| | 45mg/l | NR | Spectrophotomatric | |
| The state of the | 0.3mg/l | 1.0mg/l | Phenonthroline Spectrophotomatric | |
| The second second | 200mg/l | 1/gm009 | notistiT bioA | |
| | 250mg/l | 1/000mg/l | Silver Mitrate Titration | |
| | 30mg/l | 100mg/l | EDTA Titration | |
| | 75mg/l | 200mg/I | notetiT ATCE | |
| | 300mg/l | 600mg/I | notestiT ATCE | |
| | 500mg/l | 2000mg/l | . Conductivity Meter | |
| | | * | Conductivity Meter | |
| | 5 NTU | NR | Nephalometric | |
| | 6.5-8.5 | NR | pH meteric | |
| | Desirable Limit* | Permissible Limit* in absence of alternate source | Method of Testing Parameters | |

Note:

*(1) Drinking Water Specification First Revision -IS:10500:1991, Edition 2.2(2003-09)(Reaffirmed1993),

*(2) Testing Methods are taken by APHA 20th

*(3) NR = No Relaxation

*(4) N.A. = Not available

*(5) BDL = Below Detection Limit,

Labrin Charge
P.H.Division, Begusarai
Begusarai

PERFORMA REGARDING HYGIENIC SANITARY CONDITION

No .:- 315

Date: - 12/10/23

The above is valid for ...O1 (ONE) YEAR

Signature With Seal:

Name: DR SANTOSH KUMAR JHA

MOI/C [MEDICAL OFFICER IN CHARGE]

PHC BARAUNT BEGUSARAT

To,

To, PRINCIPAL Mahamana Knowledge Heritage School, Barauni, Begusarai-851112 [Bihar].