

Government of Bihar.
Public Health Division, Katihar.
Chemical & Bacteriological Examination report of Drinking water samples.

SL NO. 34
11/9/26

1. District:-Katihar
2. Block:- Kursela.
3. Sample collected by - Navin kumar Singh. 9431635330.
4. Name of the Nearest Institution/ Locaton :- Sutara Mehi Misssion School Kursela Devipur.

Water analysis report.

Sl. No.	Parameters	Desirable Limit (value in mg/l except pH)	Permissible limit in Absence of Alternate Source.	Method of testing parameters	Result in mg/l. (Treated Water)
1	Turbidity	1.0 NTU	5.0 NTU	Nephelometric	1.14
2	pH	6.5-8.5	No relaxation	pH meter	7.59
3	Conductivity			Conductivity meter	292
4	Total Hardness	200	600.0 ppm	EDTA Titration method	124
5	Alkalinity	200	600.0 ppm	Titration	134.64
6	Calcium	75	200.0 ppm	EDTA Titration method	33.6
7	Magnesium	30	100.0 ppm	EDTA method	10.69
8	Chloride	250	1000.0 ppm	Titration	60.63
9	Iron	1.0	No relaxation	Phenanthroline method	0.51
10	T.D.S.	500	2000.0	T.D.S. meter	186.5
11	Arsenic		0.01 ppm	SDDC method	-
12	Bacteriological test			H ₂ S vial	-ve

11-9-26
Chemist
D.L.W.T.L Katihar

Signature with Seal :-

Name :-

Designation :-

Signature with Seal :-
Name :- Amar Kumar.
Designation :- Assistant Engineer
Assistant Engineer
P.H. Sub-Division
Katihar