



GOVERNMENT OF WEST BENGAL(PHED-004)
PUBLIC HEALTH ENGINEERING DIRECTORATE
OFFICE OF THE EXECUTIVE ENGINEER ,BOLPUR MECH. DIV.
SRINIKETAN ROAD (NEAR HOTEL MARK MEADOWS)
P.O- SRINIKETAN

Sample No.:C01	Report Issue Date :09.04.2024
Source Type:Drinking Water	
Name Sample Location: NAVA NALANDA SANTINIKETAN Pachimpally, Santiniketan,Dist- Birbhum	
Sender Name: Nava Nalanda Santiniketan	Ref: Online 02/04/24
Sample received date: - 02.04.2024	Sample Collected By: Sender
Date of Starting analysis: - 02.04.2024	Date of completion: 08.04.2024

ANALYSIS RESULT(PHYSICAL)				
PARAMETER	EXPRESSED AS	STANDARD QUALITY As Per		RESULT OF SAMPLE
		Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	
Colour	HU	5	15	4
pH	...	6.5	8.5	7.34
Turbidity	NTU	1	5	3.87
TDS	ppm	500	2000	278

ANALYSIS RESULT(CHEMICAL)				
PARAMETER	EXPRESSED AS	STANDARD QUALITY As Per		RESULT OF SAMPLE
		Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	
Arsenic	ppm	0.01	0.05	0.00
Total Alkalinity	ppm	200	600	112
Total Hardness	ppm	200	600	104
Chloride	ppm	250	1000	19
Fluoride	ppm	1	1.5	0.433
Iron	ppm	0.3	1	0.8
Manganese	ppm	0.1	0.3	0.04

Remarks:

Chandan Ghosh
Chemist

Ami
Assistant Engineer
P.H.E DTE.,W.B
Bolpur Mechanical Div



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ANALYSIS RESULT(BACTERIOLOGICAL)			
PARAMETER	EXPRESSED AS	STANDARD QUALITY As Per	RESULT OF SAMPLE
TOTAL COLIFORM	CFU	Shall not be detectable in 100ml	0
FEACAL COLIFORM	CFU	Shall not be detectable in 100ml	0

Remarks: From the above bacteriological result it can be said that the sample is potable.



Chemist



Assistant Engineer
P.H.E DTE.,W.B
Bolpur Mechanical Div