

Government of West Bengal
Office of the Chemist
Regional Chemical & Hydrological Laboratory. SWID
Administrative Building (Ground Floor), Saratpally, Dak Bungalow Road
Post & Dist : Paschim Medinipur .Pin- 721101

Memo No: 79

Dated, Medinipur, the 25.09.25

To
Vivekananda Mission High School
Uttar Mechagram
Purba Medinipur



Sub: Chemical analysis report of one(1) water sample supplied by the depositor

Presented below is the chemical analysis report for one (1) water sample submitted by the depositor, with the source specified below.

Location: TW , Mouza: Dakshin Mechogram, PO: Panskura, Purba Medinipur

Depth: 315 M/ft (Approx)

An amount of Rs 1700.00 (One thousand seven hundred) has been received through GRIPS (GRN NO - 23092025028339110) for this analysis on 23/09/2025

Source	Sp. Conductance in $\mu\text{S/cm}$	TDS (mg/l)	pH	Bi carbonate (mg/l)	Carbonate (mg/l)	Chloride (mg/l)	Fluoride (mg/l)
TW of the location mentioned above	225.0	144.0	7.15	108.0	0.0	20.0	
	Total Hardness (mg/l)	Sodium (mg/l)	Potassium (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Total Iron (mg/l)	
	74.0	16.45	1.03			<0.10	

- pH may vary as the sample collection & analysis is not done at the same time.
- Titrimetric method IS 3025: Part 23: 1986(Reaffirmed 1998)/ APHA 20th Edition 2320 is used for analysis of alkalinity.
- Argentometric Method is used for chloride analysis. (IS 3025: Part32:1998 reaffirmed 1999/ APHA20th edition 4500-cl B)
- Titrimetric method IS3025: part21:1983(Reaffirmed 20020 APHA 20th Edition 2340C used for Total Hardness determination.
- Colorimetric method (MERCK- Merckoquant iron test kit) is used for iron & fluoride determination.

The chemical analysis of the aforementioned sample was conducted exclusively at RCHL, SWID Paschim Medinipur, based solely on the sample collected and submitted by the depositor.

This is for your kind information.

Thanking You.

Chemist
R.C.H.L, SWID
Paschim Medinipur
25/09/25
Chemist
Regional Chemical & Hydrological Laboratory
S.W.I.D.
Paschim Medinipur

Memo. No. /RCHL/ MID

Dated, Medinipur, the

Copy forwarded for information and necessary action to:

1. The Senior Geologist, Geological Division No I, Bankura
2. The Senior Chemist, DCHL, Burdwan
3. The Geologist. SWID. Purba Medinipur
4. Office copy

Chemist
R.C.H.L, SWID
Paschim Medinipur



GOVT. OF WEST BENGAL

Office of the Block Medical Officer of Health

Uttar Mechogram Rural Hospital

Vill & PO.-Uttar Mechogram, PS.- Panskura, Dist.- Purba Medinipur, Pin-721139

Memo No. UMRH/88/2022

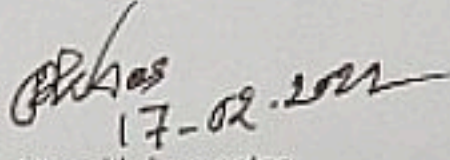
Dated- 17/02/2022

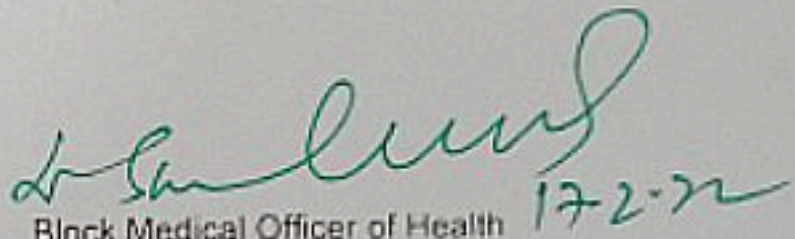
C E R T I F I C A T E

This is to certify that VIVEKANANDA MISSION HIGH SCHOOL at UTTAR MECHAGRAM, PO.-UTTAR MECHAGRAM, DIST.- PURBA MEDINIPUR, 721139 after physical verification we report that the students strength of school 1700 as per attendance register. The school premises have 83 urinals (for boy's 50, girls 33 urinals) and 48 Latrine (for boys 30 & girls 18 latrine). We report that water purifier 17 pcs. & water tap 50 pcs.

On physical verification drinking water looks to be of good quality but it requires further lab examination.

The overall school environment is hygienic.


Signature of Health Inspector
Uttar Mechogram RH
Panskura-I Block, Purba Medinipur


Block Medical Officer of Health
Uttar Mechogram Rural Hospital
Panskura-I, Purba Medinipur

**Government of West Bengal
Water Resources Investigation & Development Department
Office of the Chemist
Regional Chemical and Hydrological Laboratory
Administrative Building (Ground Floor),
Duk Bungalow Road, Sarat Palli,
Paschim Medinipur - 721 101.**

Memo No: R.C.H.L./MID/46

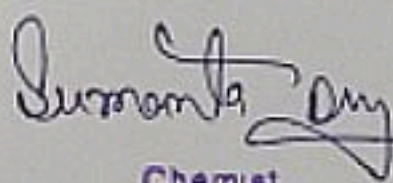
Ref. No. R.C.H.L./MID/Chemical Test Report/44 Dated 17/02/2022

Dated. 18/02/2022

CERTIFICATE OF DRINKING WATER

This is to certify that Vivekananda Mission High School, Affiliated to CBSE (Affiliation No.2430070), at Uttar Mechagram, Dist- Purba Medinipur after qualitative chemical test of drinking water condition is good.

N.B. This certificate is valid for three months from the date of issue.


Chemist
Regional Chemical & Hydrological Laboratory
SWID
Paschim Medinipur
18/02/2022

Government of West Bengal
Water Resources Investigation & Development Department
Office of the Chemist
Regional Chemical and Hydrological Laboratory
Administrative Building (Ground Floor),
Duk Bungalow Road, Sarat Palli,
Paschim Medinipur - 721 101.

TEST REPORT
SAMPLE NOT DRAWN BY US

Issued to: VIVEKANANDA MISSION HIGH SCHOOL, UTTAR MECHAGRAM, PANSKURA, PURBA MEDINIPUR.

Lab Sample ID: CS/50/MIDE/22

Source of the Sample: GROUND WATER

Sample Received on: 16/02/2022

Sample Submitted by: DR. HRISHIKES ROY

Analysis Starting on: 16/02/2022

Analysis Finished on: 17/02/2022

GRN: 192021220185565268

GRN Date: 16/02/2022

CHEMICAL TEST FINDINGS

Sl. NO.	TEST PARAMETER	UNIT	RESULTS
1.	pH ¹	----	7.55
2.	Specific Conductivity ² at 25°C	µS/cm	620
3.	Total Dissolved Solids ³	mg/L	397
4.	Chloride ⁴ (as Cl)	mg/L	60
5.	Bicarbonate alkalinity ⁵ (as CaCO ₃)	mg/L	285
6.	Carbonate alkalinity ⁶ (as CaCO ₃)	mg/L	NIL
7.	Total Iron ⁷ (as Fe)	mg/L	0.08
8.	Fluoride ⁸ (as F)	mg/L	0.89
9.	Total Hardness ⁹ (as CaCO ₃)	mg/L	180

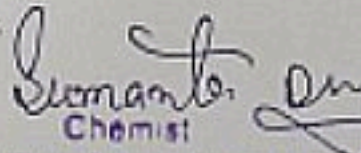
Note: 1. BDL: Below Detection Limit.

2. Spectroquant Iron Test Range 0.005 - 5.00 mg/L. 1.14761.0001

3. ¹Digital pH Meter EUTECH PCSTestr 35; ²Conductivity Meter EUTECH PCSTestr 35; ^{3,4,5,6,7} by titration;

^{7,8} by Spectroquant Move 100; ⁹ by Calculation.

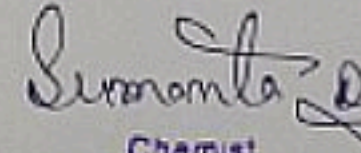
N.B. parameters are analysed within the available infrastructure of this R.C.H.L. Paschim Medinipur.


Chemist
Regional Chemical & Hydrological Laboratory
SWID
Paschim Medinipur
Dated: 17/02/2022

Memo No: R.C.H.L./MID/Chemical Test Report/44/1(5)

Copy forwarded for information and necessary action to:

- ✓ 1) THE VIVEKANANDA MISSION HIGH SCHOOL, UTTAR MECHAGRAM, PANSKURA, PURBA MEDINIPUR.
- 2) THE DIRECTOR, SWID, NIRMAL BHAWAN (3RD FLOOR), KOLKATA-700091.
- 3) THE SUPERINTENDING GEOLOGIST GEOLOGICAL CIRCLE, SWID, BIKASH BHAWAN, KOLKATA-700091.
- 4) THE SENIOR CHEMIST, D.C.H.L. SWID, BURDWAN.
- 5) THE SENIOR GEOLOGIST, GEOLOGICAL DIV. NO. 1, SWID, BANKURA.


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SWID
Paschim Medinipur

The test report relates only to the samples submitted to the laboratory for test.