



**MEGHALAYA STATE POLLUTION CONTROL BOARD  
CENTRAL LABORATORY  
"Arden", Lumpyngngad, Shillong -793014  
TEST REPORT**



Certificate No: TC-5577

Report No: WQ/2021/39

1	Issue Date	:1.3.2021
2	Name of the Project	:Drinking water source
3	Sample matrix	:Water
4	Date of sample collection	:10.2.2021
5	Date of sample receipt	:11.2.2021
6	Samples collected by	: MSPCB, Shillong
7	Date of sample analysis	:11.2.2021-19.2.2021
8	Sample Registration No.	:G/25/21 & G/26/21
9	Sample plan reference	:-
10	Report sent to (Name & Address)	: Pricipal, Kiang Nongbah Government College, Jowai.
11	Deviation, if any	:-
12	Remarks if any	:-

Parameters	Test Method	Limits	Sample code/Sampling location	
	APHA 23 <sup>rd</sup> Ed. No	Indian Standard for drinking water (IS : 10500-2012)	G/25/21 Tap water College campus (Bore well source) (Raw water)	G/26/21 Borewell College campus (Raw water)
pH	4500-H <sup>+</sup> B	6.5-8.5	6.9	6.1
Conductivity ( $\mu\text{mho/cm}$ )	2510 A	*	118.0	65.0
Turbidity (NTU)	2130 B	1.0	1.0	2.5
Chloride (mg/l)	4500-Cl <sup>-</sup> B	250.0	15.0	12.0
Total Alkalinity as CaCO <sub>3</sub> (mg/l)	2320 B	200.0	48.0	18.0
Total Hardness as CaCO <sub>3</sub> (mg/l)	2340 C	200.0	50.0	16.0
Nitrate-N (mg/l)	4500-NO <sub>3</sub> <sup>-</sup> D	45.0	1.4	1.2
Iron (mg/l)	3500-Fe B	0.3	0.12	0.16
Total Coliform (MPN/100ml)	9221 B	Shall not be detectable	ND**	ND**

\*Not Prescribed/\*\*Not Detectable

1. The results are reported based on the materials received
2. Sample will be destroyed after one month from the date of issue of the report.
3. The report shall not be reproduced except in full without the written approval of the laboratory

Scientist C

Sr. Scientist



**MEGHALAYA STATE POLLUTION CONTROL BOARD  
CENTRAL LABORATORY  
"Arden", Lumpynggad, Shillong -793014  
TEST REPORT**



Certificate No: TC-5577

Report No.: NL/2021/2

1.	Name of the Project	:	Noise Level Monitoring at Kiang Nangbah Government College, Jowai, West Jaintia Hills District.
2.	Sample matrix	:	Noise level
3.	Monitored by	:	E. Pyrbot & M. B. Pyngrope
4.	Date of monitoring	:	9.02.2021
5.	Date of sample receipt	:	10.02.2021
6.	Date of sample analysis	:	10.02.2021
7.	Date of Issue	:	--
8.	Sample Registration No.	:	N/02/21
9.	Test method reference	:	IS-9989/981-RA 2001/MPCB/CL-SOP/2017-18/21
10.	Name & Address of Industry/Sampling Location	:	Kiang Nangbah Government College campus, Ladthadlaboh, Jowai-793150, West Jaintia Hills District.
11.	Category of Area	:	Silence Zone

Parameters	Limits in {dB(A)Leq}		Test method	Sampling Station Code/Name
	{Noise Pollution(Regulation and Control) Rules,2000.} Under EPA, 1986.			N/02/21
Ambient Noise Level {dB(A)Leq}	Day Time (6 AM to 10 PM)	50	IS-9989/981-RA 2001/MPCB/CL-SOP/2017-18/21	College campus premises
	Night Time (10 PM to 6 AM)	40		48.3
				39.7
Observations	---			

**Remarks:** Noise level monitored at the location was found to be within the prescribed limits as per the Noise Pollution (Regulation and Control) Rules, 2000 under EPA, 1986.

1. Test values are reported based on the information provided to the laboratory.
2. The test report shall not be reproduced except in full, without the written approval of laboratory.

Scientist 'C'

Senior Scientist



**MEGHALAYA STATE POLLUTION CONTROL BOARD**  
**CENTRAL LABORATORY**  
**"Arden", Lumpynggad, Shillong -793014**  
**TEST REPORT**



Certificate No: TC-5577

Report No. : AQ/2021/08

1.	Name of the Project	:	Ambient Air Quality monitoring at Kiang Nangbah Govt. College, Jowai, West Jaintia Hills District.		
2.	Sample matrix	:	Ambient Air		
3.	Samples collected by	:	E. Pyrbot/MB Pyngrope		
4.	Date of sample collection	:	09.02.21 – 10.02.21		
5.	Date & time of sample receipt	:	12.02.2021		
6.	Date of sample analysis	:	12.02.2021		
7.	Date of Issue	:	-		
8.	Sample Registration No.	:	A/08/21		
9.	Test method reference	:	IS 5182 Pt. 23, EPA CFR-40 (Pt-50) IS:5182 (Pt-2), IS:5182 (Pt-6)		
10.	Name & Address of Industry/Sampling Location	:	Kiang Nangbah Govt. College, Jowai, West Jaintia Hills District.		
12.	Time duration of sampling	:	24 hrs (8 hrs interval for rspm , 4 hrs interval for gaseous)		
13.	Category	:	Residential		
14.	Meteorological Parameters				
	General Weather condition	:	P Clear/Clear		
	Temperature (°C)	:	Min: 14.6	Max: 24.5	
	Relative Humidity (%)	:	Min: 56.7	Max: 89.2	
	Wind Speed (km/hr)	:	Min: 0.5	Max: 10.3	Avg: -
	Wind Direction (most prevailing)	:	NE-SW		
	Rainfall (mm)	:	Sum: - Nil		

Parameters	Test Method	Permissible Limits (24 hours average) EPA Notification GSR 826(E), dated New Delhi, the 16 <sup>th</sup> Nov. 2009.	Sampling Station Code/Name
			A/08/21 Basketball Court
Particulate Matter (PM 10) ( $\mu\text{g}/\text{m}^3$ ) (24 hrs avg.)	IS:5182 (Pt-23)	100	53.7
Particulate Matter (PM 2.5) ( $\mu\text{g}/\text{m}^3$ ) (24 hrs avg.)	EPA CFR-40 (Pt-50)	60	20.7
Sulphur dioxide (SO <sub>2</sub> ) ( $\mu\text{g}/\text{m}^3$ ) (24 hrs avg.)	IS:5182 (Pt-2)	80	2.0
Nitrogen dioxide (NO <sub>2</sub> ) ( $\mu\text{g}/\text{m}^3$ ) (24 hrs avg.)	IS:5182 (Pt-6)	80	4.5

Remarks: Parameters tested were found to be within the prescribed limits of National Ambient Air Quality Standards (NAAQS) as per EPA Notification GSR 826(E), dated New Delhi, the 16<sup>th</sup> Nov. 2009.

1. Test values are reported based on the materials received.
2. Sample(s) will be destroyed after 15 days from date of issues of the Test Report.
3. The test report shall not be reproduced except in full, without the written approval of laboratory.

Assistant Director

Senior Scientist

**Meghalaya State Pollution Control Board**

Forests & Environment Department, Government of Meghalaya  
'ARDEN' Lumpynggad, Shillong-793014  
Website: <http://megspcb.gov.in>



No.MPCB/CL-87/2020-2021/ 19

Dated Shillong, the 1<sup>st</sup> March 2021

To,

✓ The Principal,  
Kiang Nangbah Govt. College,  
Jowai – 793150.

e-mail: [kngcl967@gmail.com](mailto:kngcl967@gmail.com)

Sub: Analysis report and Bill for conducting Green/Environmental Audit Assessment.

Ref: Your letter No. KNGCI-N/9/2020-21/1044, Dated 16<sup>th</sup> December 2020.

Sir,

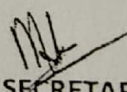
With reference to the above, I am enclosing herewith the Analysis report and Bill for monitoring and analysis of Ambient Air quality, Noise level, and Water quality monitoring, conducted in your college premises on 9<sup>th</sup>- 10<sup>th</sup> February 2021, amounting to Rs. 26,760.00 (*Rupees Twenty six thousand seven hundred sixty*) only.

The bill is to be paid by Banker's Cheque/Demand Draft in favour of Member Secretary, Meghalaya State Pollution Control Board, Shillong.

Kindly make necessary payment at the earliest.

Encl: As stated.

Yours faithfully,


  
MEMBER SECRETARY  
MSPCB, SHILLONG

Memo. No.MPCB/CL-87/2020-2021/

Dated Shillong, the 1<sup>st</sup> March 2021

Copy to:

1. Senior Accountant, MSPCB, for information and necessary action.

  
MEMBER SECRETARY  
MSPCB, SHILLONG