

# Annexure C

## SAFE DRINKING WATER AND SANITARY, CONDITION CERTIFICATE

No. 5844.

Dated: 27-11-25

It is certified that an inspection team headed by Dr. Suman Kumar, Dy. CMO / Nodal Officer- CHC Duddhi, Sonbhadra (Name of officers with designation) Inspected the **RASHTRIYA HIGHER SECONDARY SCHOOL Polwa, Hirachak, Mahuli, Tehsil- Duddhi, District- Sonbhadra, Uttar Pradesh Pin Code- 231208** (Name & Address of the school) on **24/11/2025** (date of inspection) and on the basis of Water Test Report (Attached) bearing no. C/VNS/11/2025/0000015 dated 20.11.2025 of Regional Water Analysis Laboratory, U.P. Jal Nigam (Rural) Varanasi (PHED Lab) certified that the **RASHTRIYA HIGHER SECONDARY SCHOOL** has safe drinking water facilities for the students and members of staff of the institution. School also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central State U.T. Govt.

This certificate is valid till 27/11/2026

Signature with Seal .....

Name .....

Designation .....

Name & Address of the Office / Department: .....

मुख्य चिकित्सा अधिकारी  
सोनभद्र

To

PRINCIPAL,  
RASHTRIYA HIGHER SECONDARY SCHOOL  
Polwa, Hirachak, Mahuli, Tehsil- Duddhi,  
District- Sonbhadra, (U.P)

(Name & Address of the Institution)

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies

## Water Analysis Report



# Regional Water Analysis Laboratory

(An NABL Accredited Laboratory)

Ganga Pollution Control Unit Campus,  
U. P. Jal Nigam (Rural), Bhagwanpur, Lanka,  
Varanasi-221005



TC-12993

Report No.: C/VNS/11/2025/0000015	Date: 20.11.2025	No. of Pages: 1
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### Customer Details

Office Name and Address	Rashtriya Higher Secondary School, Polwa, Hirachak, Mahuli, Duddhi, Sonbhadra-231208	
Ref. Letter No. & Date	NA	Date: 17.11.2025

### Basic Details of Sample

District	SONBHADRA	Block	Duddhi
Gram Panchayat	Mahuli	Village	Polwa, Hirachak
Habitation	NA	Location	School Campus, Polwa, Sonbhadra
Water Source	Submersible	Sample Code	VNS/NOV25/00015
Quantity of Sample	1000 mL (Normal)	Sampling date	16.11.2025
Sample Received Date	17.11.2025	S. collected by	Mr Mahmood Ali
Sampling Method Used	NA	Sample Depositor	Mr Mahmood Ali
Analysis Start Date	18.11.2025	Analysis Completion date	18.11.2025

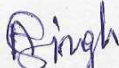
Temperature- 24.6°C, Humidity- 55%


### Test Result

S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	pH	7.15	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
2	Turbidity (NTU)	3.39	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
3	Total Dissolved Solids, mg/l	401.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	24.69	250	1000	IS 3025 (Part 32): 2019 Argentometric method
5	Total Alkalinity, (as CaCO <sub>3</sub> ) mg/l	284.67	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
6	Total Hardness, (as CaCO <sub>3</sub> ) mg/l	227.33	200	600	IS 3025 (Part 21): 2019 (EDTA method)
7	Calcium (as Ca), mg/l	19.78	75	200	IS 3025 (Part 40): 2019 EDTA Titrimetric method
8	Magnesium (as Mg), mg/l	42.72	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
9	Sulphate (as SO <sub>4</sub> ), mg/l	36.13	200	400	APHA 24rd Edition -4500-SO <sub>4</sub> Method E (Turbidimetric Method): 2023
10	Nitrate (as NO <sub>3</sub> ), mg/l	29.17	45	No relaxation	APHA 24rd Edition -4500- NO <sub>3</sub> Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	0.41	1.0	1.5	APHA 24rd Edition -4500- NO <sub>3</sub> Method B (UV Screening Method): 2023
12	Iron (as Fe), mg/l	BDL (<0.1)	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023

All These parameters are under NABL Scope, BDL-Below Detection Limit, NA- Not Analysed

- Note:**
- This certificate refers only to the particular sample(s) submitted for analysis.
  - This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of Laboratory.
  - The analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.
  - Sample(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.
  - Parameters above Permissible Limit are written in bold.
  - Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
  - Sample is not Collected by Lab.

  
AKHILESH SINGH MAURY  
(Report prepared by)

  
ABHAY KUMAR PANDEY  
(Report Reviewed & Authorized by)

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\*\*\*\*\*END OF THE ANALYSIS REPORT\*\*\*\*\*

