



**SUB DIVISIONAL ENGINEER  
WATER SUPPLY AND SANITATION  
SUB DIVISION PATRAN**



Email-sdepatranwss@gmail.com

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To,

The Principal,  
Mother India School,  
Niyal Bypass Road,  
Tehsil Patran Distt. Patiala.

No.

346

Date:

15-05-2026

**Sub:- Regarding Water and Sanitation Certificate.**

Sir/Madam,

With reference to the subject cited above, it is intimated that the water sample submitted by your school has been tested by the Trade Waste and Effluents Research Unit (Regional Lab), Patiala vide letter No. TWERU/2627/00082 dt. 05.05.2026

The Quality Parameters of the Water sample are within permissible limits as per the reports received from the Senior Chemist. The Water Sample test report is attached with this letter for your kind reference and necessary action please.

DA:- Water Sample Test Report.

**Sub Divisional Engineer,  
W/S & Sanitation Sub Division,  
Patran.**

**TRADE WASTE AND EFFLUENTS RESEARCH UNIT (REGIONAL LAB)  
PATIALA**

Room No. 301, 2nd Floor, Water Supply & Sanitation Department, Head Office, Nabha Road, Patiala  
researchunitpatiala@yahoo.in

To,

Mother India Public School.  
Nial By-Pass, Patran.

No.: TWERU/2627/00082      Dated : 05/05/2026

Subject :            Testing Reports of Water Samples.

Reference:        Your Letter/SRF No. 2579    Dated: 29/04/2026

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 30/04/2026. It is request to fill the attached feedback form and send it back to Trade Waste and Effluents Research Unit (Regional Lab) Patiala

D/A :                Test Report



**Authorized Signatory  
For, Trade Waste and Effluents Research Unit  
(Regional Lab) Patiala**

**TRADE WASTE AND EFFLUENTS RESEARCH UNIT (REGIONAL LAB)  
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Room No. 301, 2nd Floor, Water Supply & Sanitation Department, Head Office, Nabha Road, Patiala  
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TC-14242

TEST REPORT						
Name & Address of Customer : <b>Mother India Public School. Nial By-Pass, Patran.</b>			Customer Reference No.		No : 2579 Dated : 29/04/2026	
			Sample Submitted by			
			Date of Sample Receipt		30/04/2026	
			Analysis Starting Date		30/04/2026	
			Analysis completion Date		05/05/2026	
Discipline : <b>Chemical Testing</b>			Group: <b>Water</b>			
ULR No.:	TC14242260000153F		Sample Type :		Water	
Test Report No.:	TWERU/2627/00082		Date of Issue :		05/05/2026	
Registration no.:	TWERU/REG2627/00325		Condition of Sample :		Unsealed	
Collection Point:	Treatment Plant (RO/CWPP/ARP/HH Purifier)		Quantity/Type of Bottle:		1000 ml / Plastic Bottles	
Scheme/Source:	Not Mentioned(Not Mentioned)		Location/Depth :		Ro at Mother India Public School, Nial By-Pass, Patran. / NA	
Village :	Not Mentioned		Habitation :		Not Mentioned	
Block:	Not Mentioned		District :		Patiala	
Latitude :	Not Mentioned		Longitude:		Not Mentioned	
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	8.21	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	TDS	500	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
3	Turbidity	0.66	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
4	T. Alkalinity(CaCO3)	356	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
5	T. Hardness(CaCO3)	282	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
6	Calcium(Ca)	43	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
7	Magnesium(Mg)	42	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
8	Fluoride(F)	0.48	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
9	Chloride(Cl)	39	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
10	Nitrate(NO3)	11	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
11	Sulphate(SO4)	35	200	400	mg/l	APHA 24th Ed.2023, Method 4110
12	Iron	BDL(0.2)	1	No Relaxation	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
13	Manganese	BDL(0.1)	0.1	0.3	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS

Continue on next page...

Reviewed and Approved By

*Bhushan*

Sh. Brij Bhushan  
Quality Manager  
Authorized Signatory  
For, Trade Waste and Effluents Research Unit  
(Regional Lab) Patiala

**TRADE WASTE AND EFFLUENTS RESEARCH UNIT (REGIONAL LAB)  
PATIALA**

Room No. 301, 2nd Floor, Water Supply & Sanitation Department, Head Office, Nabha Road, Patiala  
researchunitpatiala@yahoo.in



14	Zinc	0.1158	5	15	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
15	Arsenic(As)	BDL(0.005)	0.01	No Relaxation	mg/l	APHA 3114 (23rd Ed. 2017) by HVG-AAS
16	Residual Chlorine(RC)	BDL(0.17)	0.2	1	mg/l	IS-3025 (Part-26) by Iodometric Method

This Report is issued under the following terms & Condition :

1. The results apply to the sample as received only.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected, T=Total)
5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Sh. Brij Bhushan**  
**Quality Manager**  
**Authorized Signatory**  
**For, Trade Waste and Effluents Research Unit**  
**(Regional Lab) Patiala**

----- End of the Test Report -----