

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY P.H.E.D. INDORE (M.P.)

ANALYSIS REPORT

Type of sample :-

Particular of sender :-

Particular of sample

Collected / Not collected by PHED ☒

Sample no.	Place of collection and details of sample	Date
01	Borewelly water sample, ST. Mary Champion H.S. School, Sreydev Nagar, Indore	21/03/2025

particular to be filled in the laboratory

Date of Receipt:- 21/03/2025	Time of Receipt:- 21/03/2025, 12:30 PM
Lab Reference No. 53/21-03-2025	Date of Analysis:- 21/03/2025

Nature of Testing- Physical, Chemical and Bacteriological Analysis

S.no.	Characteristics	Unit	As Per BIS -10500:2012 for Drinking water		Result			
			Requirement (Desirable Limit)	Permissible Limit in the absence of alternet source	Sample 1	Sample 2	Sample 3	Sample 4

PHYSICAL TESTS

1	Temperature	°C	-	-	-			
2	Turbidity	NTU	1.0	5.0	0.5			
3	Colour	Hazen	5	15	0			
4	Taste Rating	-	Agreeable	Agreeable	Agreeable			
5	Odour	-	Agreeable	Agreeable	Agreeable			

CHEMICAL TESTS

6	pH Value	pH Scale	6.5 to 8.5	No relaxation	6.69			
7	Total Hardness as CaCO ₃	Mg/l	200	600	158			
8	Calcium as Ca++	Mg/l	75	200	40			
9	Magnesium as Mg++	Mg/l	30	100	13.92			
10	Total Alkalinity as CaCO ₃	Mg/l	200	600	140			
11	Chloride as Cl	Mg/l	250	1000	60			
12	Nitrate as NO ₃	Mg/l	45	45	4.11			
13	Total Dissolved Solids	Mg/l	500	2000	274			
14	Iron	Mg/l	1.0	1.0	0.20			
15	Sulphate as SO ₄	Mg/l	200	400	5.50			
16	Fluoride as F	Mg/l	1.0	1.5	0.20			
17	Manganese as Mn	Mg/l	0.1	0.3	0.0			
18	Residual Chlorine as Cl ₂	Mg/l	0.2	1.0	-			
19	Arsenic	Mg/l	0.01	0.0	-			

BACTERIOLOGICAL TESTS

20	MPN of Coliform	Per 100 ml	Nil	00			
21	Faecal Coliform	Per 100 ml		00			

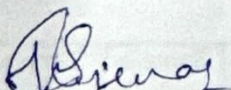
NOTES :- The figure indicated under the column "Requirement (Desirable Limit)" the limits unto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "Permissible Limit in the absence of alternative source" above which the source will have to be rejected (Guideline values for Drinking Water as Per BIS 10500: 2012).

In All water intended for Drinking Water E.Coli or Thermo tolerant Coliform Bacteria must not be Detectable in any 100 ml sample.

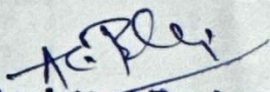
Treated water entering in / in distribution system E.Coli or Thermo Tolerant Coliform bacteria and Total Coliform bacteria must not be detectable in any 100 ml sample. In case of large supplies, Where sufficient samples are examined must not be present in 95% of samples taken through out any 12 months period.

Remark if any :-

All PHE above test water sample is found Potable water.


Chemist

District Water Testing Laboratory
P.H.E. Sub.Dn.Indore
Distt. Indore


Assistant Engineer
PHE Sub Dn Indore
Public Health Engineering
Dist-Indore (M.P.)
Department Sub. Dn. Indore

NO. 432 /lab/ A.E/ Phe.sub.Division Indore Date 26/3/25

Office of the Assistant Engineer
Public Health Engineering department, Sub. Division, Indore
Radio colony, pani ki tanki, Indore

432
No..../Lab/A.E./P.H.E./ Sub.dvn/2025

Indore/ Date 24/3/25

//Certificate//

It is certified that an inspection by Mr. Virendra Singh Girmas
Chemist, District Water Testing Laboratory, P.H.E. Sub. division, Indore
Inspected the ST. Mary's Champion H.S. School, Sreyadev
Nagar, Indore (M.P) on 24/03/2025 and on the basis of Water
Test Report bearing No. 53 dated 21/03/2025 of District Water
Testing (PHED Lab) Certified that the ST. Mary's Champion H.S.
School, Sreyadev Nagar, Indore (M.P) has safe drinking water facilities for
the students and members of staff of the Institution. School is also
maintains the hygienic sanitation condition in the School building.

The Certificate is valid till a period of **1 year.**

Virendra Singh Girmas
Chemist
District Water Testing Laboratory
P. H. E. D., Indore (M.P.)

Signature with Seal

Name- Virendra Singh Girmas

Designation- Chemist

Virendra Singh Girmas
Assistant Engineer
Public Health Engineering Department
Sub. Division Indore

To, ST. Mary's Champion H.S. School
Sreyadev Nagar, Indore

कार्यालय सहायक यंत्री,
लोक स्वास्थ्य यांत्रिकी विभाग उपखण्ड इंदौर

कमांक 394 / प्रयोगशाला / लो.स्वा.या.विभाग / उपखण्ड इंदौर
प्रति,

दिनांक 21/3/25

Principal

St. Mary's Champion H.S.

School, Indore

विषय :- जल परीक्षण के कार्य का शुल्क जमा कराने बाबत।

संदर्भ:- आपका पत्र कमांक दिनांक 20/03/2025 /
उपरोक्त विषय में लेख है कि Principal, St. Mary's Champion H.S. School द्वारा

इस कार्यालय में जल परीक्षण हेतु स्रोत Borewell का 02 नमूना
पेयजल नमूना उपलब्ध कराया गया है, जिसकी लोकोशन St. Mary's Champion H.S.
School, Campus, Indore है।

Invoice

S.no	Parameter	Rate	No.of sample	Amount
1	Physico-chemical tests	1200	01	1200
2	Total coliform & Fecal Coliform Bacteria	350	01	350
Total Amount =				1550/-

उक्त राशि 1550/- रुपये एम.पी. ऑनलाइन (M.P.online) कियोस्क सेंटर के माध्यम से साईबर ट्रैसरी द्वारा, शासकीय चालान लोक स्वास्थ्य यांत्रिकी विभाग में जमा कराये चालान की रिसीप्ट प्राप्त कर इसकी छायाप्रति A.E.P.H.E. Indore sub.division एवं प्रयोगशाला में देवे।

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प्रतिलिपी -

1. कार्यपालन यंत्री, लोक स्वास्थ्य यांत्रिकी विभाग खण्ड इंदौर की और सुचनार्थ प्रेषित।

सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी विभाग
उपखण्ड इंदौर
दिनांक 21/3/25

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