

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

Noemada water supply
Ms. Mohanlal Yogi, The Emerald Heights I. School Indore

Collected/Not collected by PHED

Sample no.	Place of collection and details of sample	Date
07	Noemada water supply, The Emerald Heights International School, Campus	21/02/2024

particular to be filled in the laboratory

Date of Receipt:- 21/02/2024	Time of Receipt:- 12:30 PM
Lab Reference No. 36/21-02-2024	Date of Analysis:- 21/02/2024

Nature of study- 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	5			
3	Colour	Hazen	5	15	-			
4	Odour	-	Unobjectionable	Unobjectionable	Unobjectionable			

CHEMICAL TESTS

5	pH	pH Scale	6.5 to 8.5	No relaxation	8.10			
6	Total Hardness as CaCO ₃	Mg/l	200	600	193			
7	Calcium as Ca ⁺⁺	Mg/l	75	200	42.8			
8	Magnisium as Mg ⁺⁺	Mg/l	30	100	20.64			
9	Total Alkalinity as CaCO ₃	Mg/l	200	600	149			
10	Chloride as Cl	Mg/l	250	1000	330			
11	Nitrate as NO ₃	Mg/l	45	45	11.25			
12	Total Dissolved Solids	Mg/l	500	2000	429			
13	Iron	Mg/l	1.0	1.0	0.30			
14	Sulphate as SO ₄	Mg/l	200	400	1104			
15	Fluoride as F ⁻	Mg/l	1.0	1.5	0.10			
16	Manganese as Mn	Mg/l	0.1	0.3	00			
17	Residual chlorine as Cl ₂	Mg/l	0.2	1.0	-			
18	Arsenic	Mg/l	0.01	0.01	-			

BACTERIOLOGICAL TESTS

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

PRINCIPAL

The Emerald Heights International School

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Manager

The Emerald Heights International School
Opp. Akashawani, A.B.Road.
RAU (INDORE)

Analysis report

NOTES :- The figure indicated under the column "Requirment (Desirable Limit)" the limits unto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirment (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 "Permisible Limit in the absence of alternet source" above which the source will have to be rejected (Guidline values for Drinking Water as Per BIS 10500):2012)

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

Treated water entering in / in distribution system E.Coli or Thermo Tolerent 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 :- As per above test water sample is found Potable water.

[Signature]

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

[Signature]
Assistant Engineer
PHE Sub Dn. Indore
Public Health Engineering
Department Sub. Dn. Indore

NO. 269 /lab/ A.E/ Phe.sub.Division Indore Date 28/2/24

[Signature]

PRINCIPAL
The Emerald Heights International School

[Signature]

Manager
The Emerald Heights International School
Opp. Akashawani, A.B.Road.
RAU (INDORE)

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

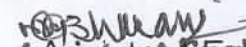
No. 269 / Lab/A.E./P.H.E./ Sub.dvn/2024

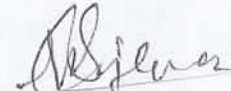
Indore/ Date. 28.12.24


//Certificate//

It is certified that an Inspection by Mr. Nirendra Singh Girmor
Chemist, District Water Testing Laboratory, P.H.E. Sub.
division, Indore Inspected the The Emerald Heights International
School, Indore and found that the The Emerald Heights
International School, Indore has safe drinking water
facilities for the students and staffs members of the
Institution and is maintaining the hygienic sanitation
condition in the School building.

The above valid for a period of One year.


Assistant Engineer
Public Health Engineering Department
Sub. Division Indore


Chemist
District Water Testing Laboratory
Signature with Seal
Name Nirendra Singh Girmor
Designation Chemist


PRINCIPAL
The Emerald Heights International School
To,
The Emerald
Heights International
School, Indore


Manager
The Emerald Heights International School
Opp. Akashwani, A B Road,
RAU (INDORE)

कार्यालय सहायक यंत्री,
लोक स्वास्थ्य यांत्रिकी विभाग उपखण्ड इंदौर

क्रमांक २२५ / प्रयोगशाला / लो.स्वा.या.विभाग / उपखण्ड इंदौर
प्रति,

दिनांक २१/१२/२४

Mr. Mohan Lal Yogi
The Emerald Heights International
School, Rau Indore

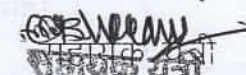
विषय :- जल परीक्षण के कार्य का शुल्क जमा कराने बाबत।

संदर्भ:- आपका पत्र क्रमांक दिनांक / 21/02/2024
उपरोक्त विषय में लेख है कि Mr. Mohan Lal Yogi, The E.H.I. School द्वारा
इस कार्यालय में जल परीक्षण हेतु स्रोत Narmada water supply का ०१ नग
पेयजल नमूना उपलब्ध कराया गया है, जिसकी लोकेशन The Emerald H.I.
School Rau Indore Campus 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 /-- रूपये एम.पी. ऑनलाइन (M.P.online) कियोस्क सेंटर के माध्यम से साईबर ट्रेसरी द्वारा, शासकीय चालान लोक स्वास्थ्य यांत्रिकी विभाग में जमा कराये चालान की रिसीप्ट प्राप्त कर इसकी छायाप्रति A.E.PHE Indore sub. division एवं प्रयोगशाला में देवे।


सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी विभाग
उपखण्ड इंदौर

प्रतिलिपी -

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


PRINCIPAL
The Emerald Heights International School


Manager
The Emerald Heights International School
Opp. Akashwani, A & B Road,
RAU (INDORE)

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सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी विभाग
उपखण्ड इंदौर