

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY PHE INDORE

ANALYSIS REPORT

Type of sample -
Particular of sender -
Particular of sample -

Borewell
Klincipat, mahatishi vidhya mandir school, Indore

Collected/Not collected by PHED

sample no	place of collection and details of sample	date
01	Borewell, mahatishi vidhya mandir school school Compus, Indore (M.P.)	27/03/2023

particulars to be filled in the laboratory

Date of Receipt: 27.03.2023	Time of Receipt: 4:30 PM
Lab Reference No: 34/27.03.2023	Date of Analysis: 27.03.2023

Nature of study- Chemical and Bacteriological Analysis

Sl. No	Characteristics	Unit	As Per BIS -10500:2012 for Drinking water		Result				
			Requirement (Desirable Limit)	Permissible Limit in the absence of alternate source	Sample	Sample	Sample	Sample	
					01				

PHYSICAL TESTS

Sl. No	Characteristics	Unit	Requirement (Desirable Limit)	Permissible Limit in the absence of alternate source	Result
1	Temperature	°C	-	-	-
2	Turbidity	NTU	1.0	5.0	1
3	Colour	Hazen	5	15	-
4	Odour	-	Unobjectionable	Unobjectionable	unobjectionable

CHEMICAL TESTS

Sl. No	Characteristics	Unit	Requirement (Desirable Limit)	Permissible Limit in the absence of alternate source	Result
5	pH	pH Scale	6.5 to 8.5	No relaxation	7.87
6	Total Hardness as CaCO ₃	Mg/l	200	600	242
7	Calcium as Ca ⁺⁺	Mg/l	75	200	60
8	Magnesium as Mg ⁺⁺	Mg/l	30	100	22.08
9	Total Alkalinity as CaCO ₃	Mg/l	200	600	248
10	Chloride as Cl ⁻	Mg/l	250	1000	86
11	Nitrate as NO ₃	Mg/l	45	45	18.21
12	Total Dissolved solids	Mg/l	500	2000	816
13	Iron	Mg/l	1.0	1.0	0.40
14	Sulphate as SO ₄	Mg/l	200	400	32.2
15	Fluoride as F	Mg/l	1.0	1.5	0.30
16	Manganese as Mn	Mg/l	0.1	0.3	-
17	Residual chlorine as Cl ₂	Mg/l	0.2	1.0	-
18	Arsenic	Mg/l	0.01	0.01	-

BACTERIOLOGICAL TESTS

Sl. No	Characteristics	Unit	Result
19	MPN of Coliform	Per 100 ml	00
20	Faecal Coliform	Per 100 ml	00

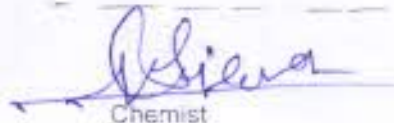
NOTES :- The figure indicated under the column "Requirement (Desirable Limit)" the limits upto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative 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)

10500 :2012)

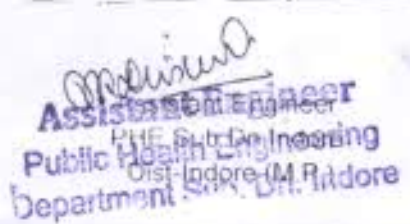
In All water intended for Drinking Water E.Coli or Thermo tolerant Coliform Bacteria must not be Detectable in any 100 ml sample.

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 :- As per above test water sample is found
potable water.



Chemist
District Water Testing Laboratory
PHE Division Indore (M.P.)


Assistant Engineer
Public Health Engineering
Dist. Indore (M.P.)
Department of P.W.D. Indore

NO. 634 /Lab/ A.E./Phe Sub.Division Indore Date 6-4-23

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

No. 634 / Lab/A.E./P.H.E./ Sub.dvn/2023

Indore/ Date. 6/4/2023

//Certificate//

It is certified that an Inspection by Mr. Vikendra Singh Chisora,
Chemist, District Water Testing Laboratory, P.H.E. Sub.
division, Indore Inspected the maharishi Vidya mandir,
School Cat road, Indore and found that the, maharishi Vidya mandir
School, Cat road, 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.

M. S. Mishra
Assistant Engineer
Public Health Engineering Department
Sub. division Indore

Vikendra Singh Chisora
District Water Testing Laboratory
P. H. E. D., Indore (M.P.)
Signature with Seal
Name- Vikendra Singh Chisora
Designation- Chemist

To, maharishi Vidya mandir school
CAT Road, Rau Indore
(M.P.)

कार्यालय सहायक यंत्री,
लोक स्वास्थ्य यांत्रिकी विभाग उपखण्ड इंदौर

क्रमांक 525 / प्रयोगशाला / लो.स्वा.या.विभाग / उपखण्ड इंदौर
दिनांक 27/3/23

Principal Maharishi
vidya Mandir
Indore M.P.

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

संदर्भ:- आपका पत्र क्रमांक दिनांक 502755 / 27/03/2023

उपरोक्त विषय में लेख है कि Principal, Maharishi vidya Mandir Indore द्वारा

इस कार्यालय में जल परीक्षण हेतु स्रोत Bonewell का 01 नग

पेयजल नमूना उपलब्ध कराया गया है, जिसकी लोकेशन Maharishi vidya Mandir
campus, Bonewell Indore है।

Invoice

S.no	Parameter	Rate	No. of sample	Amount
1	Physico-chemical tests	1200	1	1200
2	Total coliform & Fecal Coliform Bacteria	350	1	350
				Total Amount = 1550.00

उक्त राशि 1550 /-- रुपये एम.पी. ऑनलाइन (M.P.online) कियोस्क सेंटर के माध्यम से साईबर टैसरी 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 देये।

सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी विभाग

क्र. 526
प्रतिलिपी -

दिनांक 27/3/23 उपखण्ड इंदौर

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

सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी विभाग
उपखण्ड इंदौर