

कार्यालय सहायक यंत्री
लोक स्वास्थ्य यांत्रिकीय उपखण्ड राजगढ़ (ब्यावरा) म.प्र.

क्र. 229/स.यं./लो.स्वा.यां.उपखण्ड/राजगढ़

दिनांक 26/03/2024

प्रति

प्रधानाचार्य महोदय
स्वामी विवेकानन्द स्कूल राजगढ़
जिला राजगढ़ (ब्यावरा) म.प्र.

प्रमाणित किया जाता है कि जिला जल परीक्षण प्रयोगशाला राजगढ़ को स्वामी विवेकानन्द स्कूल राजगढ़ के माध्यम से पेयजल परीक्षण हेतु जल नमूना दिनांक 22/03/2024 को उपलब्ध कराया गया था। जल परीक्षण उपरांत 26/03/2024 को रिपोर्ट में दर्शाए गये सभी पैरामीटर्स के परिणाम BIS 10500: 2012 के मापदण्डों के अनुसार निर्धारित सीमा में पाये गए हैं।

संलग्न - रिपोर्ट

सहायक यंत्री
लोक स्वास्थ्य यांत्रिकीय उपखण्ड
राजगढ़ (ब्यावरा) म.प्र.

DISTRICT WATER TESTING LABORATORY RAJGARH (BIAORA) M.P
PUBLIC HEALTH ENGINEERING DEPARTMENT
 NEAR OLD PETROL PUMP, HOSPITAL ROAD, RAJGARH 465661
 Email: - eephedraj@nic.in

TEST REPORT							
Lab Reference Letter - DWTL/PHED/RAJGARH				UID.NO 456/1			
Type Of sample :- Drinking Water							
CUSTOMER NAME :- SWAMI VIVEKANAND PUBLIC SCHOOL							
PARTICULARS OF SAMPLE :- Not Collected by PHED							
SAMPLE NO.	BLOCK	PANCHAYAT	VILLAGE	SAMPLE QTY	SAMPLE PACKING	LOCATION	SOURCE
1	RAJGARH	-	-	1 lt.	ACCEPTABLE	01 FALODI COLONY, BYPASS ROAD, RAJGARH	TUBEWELL
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Date of Receipt :- 22.03.2024				Time of Receipt :- 01:20 PM			
Date of Analysis Started :- 22.03.2024				Date of Analysis Completed :- 26.03.2024			

NATURE OF STUDY – Test Results

Field: Testing Discipline: Chemical Group: Water Sub Group: Drinking Water

Details of parameters, their test methods, units and specifications as per BIS

No	Characteristics	Test Method	Unit	AS Per BIS: 10500:2012 & Amendment Feb 2021		Results	
				Requirement (Desirable limit)	Permissible limit in the absence of Alternate source		
1	Total Hardness as CaCO ₃	IS 3025 : 2009	Part 21	mg/l	200	600	105.6
2	Calcium as Ca	IS 3025 : 1991	Part 40	mg/l	75	200	30.72
3	Magnesium as Mg	APHA 24 th Ed. 3500: Mg ⁺² B	Part 46	mg/l	30	100	6.91
4	Total Alkalinity as CaCO ₃	IS 3025 : 1986	Part 23	mg/l	200	600	91.16
5	Chloride as Cl	IS 3025 : 1988	Part 32	mg/l	250	1000	175.75
6	pH	IS 3025 : 1983	Part 11	pH scale	6.5-8.5	6.5-8.5	7.34
7	Turbidity	IS 3025 : 1984	Part 10	NTU	1	5	1.8

- Note:**
- This report should not be produced partly or full without approval of signatory authority for legal purposes.
 - This recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible limit in the absence of alternate source" above which the source will have to be rejected.
 - The results refer only to tested samples and parameters tested.
 - Sample will be stored for a period of 3 days from the date of issue of report.
 - This Lab does not hold any responsibility for variation in results for samples kept on hold for want of Clarification.

Remark:-

[Signature]
Reviewed by

[Signature]
(Reena Jatav)
Chemist

District Water Testing Laboratory
P.H.E.D Rajgarh (Biaora) M.P.

ISSUE NO. 335/DWTL/PHED/RAJGARH/2024-25 ISSUE DATE 26/03/24

End of Report

DISTRICT WATER TESTING LABORATORY RAJGARH (BIAORA) M.P
PUBLIC HEALTH ENGINEERING DEPARTMENT
NEAR OLD PETROL PUMP, HOSPITAL ROAD, RAJGARH 465661
Email: - eehedraj@nic.in

Lab Reference Letter - DWTL/PHED/RAJGARH		TEST REPORT					
		UID.NO 456/1					
Type Of sample :- Drinking Water							
CUSTOMER NAME :- SWAMI VIVEKANAND PUBLIC SCHOOL							
PARTICULARS OF SAMPLE :- Not Collected by PHED							
SAMPLE NO.	BLOCK	PANCHAYAT	VILLAGE	SAMPLE QTY	SAMPLE PACKING	LOCATION	SOURCE
1	RAJGARH	-	-	1 lt.	ACCEPTABLE	01 FALODI COLONY, BYPASS ROAD, RAJGARH	TUBEWELL
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Date of Receipt :- 22.03.2024
 Date of Analysis Started :- 22.03.2024
 Time of Receipt :- 01:20 PM
 Date of Analysis Completed :- 26.03.2024

NATURE OF STUDY – Test Results

Field: Testing Discipline: Chemical Group: Water Sub Group: Drinking Water

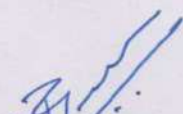
Details of parameters , their test methods, units and specifications as per BIS

No	Characteristics	Unit	AS Per BIS 10500:2012 & Amendment Feb.2021		Results			
			Requirement (Desirable limit)	Permissible limit in the absence of Alternate source	1	-	-	-
8	Temperature	°c			23.0°c	-	-	-
9	Colour	Hazen Units	5	15	<1	-	-	-
10	Taste/Odour	mg/l	Unobjectionable	Objectionable	Unobjectionable	-	-	-
11	Conductivity at 25°C	Micromhos Per cm ²			794	-	-	-
12	Nitrate as NO3	mg/l	45	45	4.6	-	-	-
13	Total Dissolved Solids	mg/l	500	2000	516.1	-	-	-
14	Iron	mg/l	1.0	1.0	0.6	-	-	-
15	Fluoride as F	mg/l	1.0	1.5	1.4	-	-	-
16	Sulphate as So4	mg/l	200	400	26.2	-	-	-
17	Residual Chlorine as Cl2	mg/l	0.2	1.0	NIL	-	-	-
18	Manganese as Mn	mg/l	0.1	0.3	-	-	-	-
19	Arsenic	mg/l	0.01	0.01	-	-	-	-
20	Total Coliform per 100 ml	mg/l	Nil		0	-	-	-
21	Fecal Coliform 100 ml	mg/l	Nil		0	-	-	-

- Note:**
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Remark :-


 Reviewed by


 (Reena Jatav)
 Chemist

District Water Testing Laboratory
 P.H.E.D Rajgarh (Biaora) M.P.

ISSUE NO. 335/DWTL/PHED/RAJGARH/2024-25 ISSUE DATE 26/03/24

End of Report

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लोक स्वास्थ्य यांत्रिकीय उपखण्ड राजगढ़ (ब्यावरा) म.प्र.

क्र 229/स.यं./लो.स्वा.या.उपखण्ड/राजगढ़

दिनांक 26⁰³/₂₀₂₄

प्रति


प्रधानाचार्य महोदय
स्वामी विवेकानन्द स्कूल राजगढ़
जिला राजगढ़ (ब्यावरा) म.प्र.

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सलमन - रिपोर्ट

सहायक यंत्री
लोक स्वास्थ्य यांत्रिकीय उपखण्ड
राजगढ़ (ब्यावरा) म.प्र.


A. SAHA
PRINCIPAL
SWAMI VIVEKANAND PUBLIC
SCHOOL - RAJGARH(M.P.)


MANAGER
SWAMI VIVEKANAND PUBLIC SCHOOL
RAJGARH

DISTRICT WATER TESTING LABORATORY RAJGARH (BIAORA) M.P.
PUBLIC HEALTH ENGINEERING DEPARTMENT
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 Email: - eephedraj@nic.in

TEST REPORT							
Lab Reference Letter - DWTL/PHED/RAJGARH				UID.NO 456/1			
Type Of sample - Drinking Water							
CUSTOMER NAME - SWAMI VIVEKANAND PUBLIC SCHOOL							
PARTICULARS OF SAMPLE - Not Collected by PHED							
SAMPLE NO.	BLOCK	PANCHAYAT	VILLAGE	SAMPLE QTY	SAMPLE PACKING	LOCATION	SOURCE
1	RAJGARH			1 Ltr.	ACCEPTABLE	01 FALODI COLONY, BYPASS ROAD, RAJGARH	TUBEWELL
Date of Receipt - 22.03.2024				Time of Receipt - 01:20 PM			
Date of Analysis Started - 22.03.2024				Date of Analysis Completed - 26.03.2024			

NATURE OF STUDY - Test Results


Field: Testing Discipline: Chemical Group: Water Sub Group: Drinking Water

Details of parameters, their test methods, units and specifications as per BIS

No	Characteristics	Test Method	Unit	AS Per BIS - 10500-2012 & Amendment Feb 2021		Results
				Requirement (Desirable)	Permissible limit in the absence of Alternate Source	
1	Total Hardness as CaCO ₃	IS 3025-2009	Part 21 mg/l	200	600	105.6
2	Calcium as Ca	IS 3025-1991	Part 40 mg/l	75	200	30.72
3	Magnesium as Mg	APHA 24 th Ed. 1500 Mg ⁺⁺ B	Part 46 mg/l	30	100	6.91
4	Total Alkalinity as CaCO ₃	IS 3025-1986	Part 23 mg/l	200	500	91.16
5	Chloride as Cl	IS 3025-1988	Part 4 mg/l	250	1000	175.25
6	pH	IS 3025-1983	Part 11 scale	6.5-8.5	6.5-8.5	7.34
7	Turbidity	IS 3025-1984	Part 10 NTU	1	5	1.8

- Note:**
- This report should not be produced partly or full without approval of supervisory authority for legal purposes.
 - This is recommended that at all the time to be implemented values in excess of those mentioned under "acceptable" render the water not suitable, but may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible limit in the absence of alternate source" above which the source will have to be rejected.
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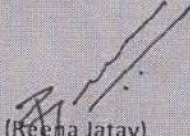
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Reviewed by 

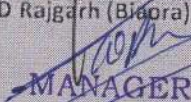
A. SAHA
PRINCIPAL

ISSUE NO. 335/DWTL/PHED/RAJGARH/2024-25 ISSUE DATE 26/03/24
 SWAMI VIVEKANAND PUBLIC SCHOOL - RAJGARH(M.P.)

End of Report


(Keena Jatav)
Chemist

District Water Testing Laboratory
 P.H.E.D Rajgarh (Biaora) M.P.


MANAGER
 SWAMI VIVEKANAND PUBLIC SCHOOL
 RAJGARH

DISTRICT WATER TESTING LABORATORY RAJGARH (BIAORA) M.P
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TEST REPORT							
Lab Reference Letter - DWTL/PHED/RAJGARH				UID NO 456/1			
Type Of sample - Drinking Water							
CUSTOMER NAME :- SWAMI VIVEKANAND PUBLIC SCHOOL							
PARTICULARS OF SAMPLE :- Not Collected by PHED							
SAMPLE NO.	BLOCK	PANCHAYAT	VILLAGE	SAMPLE QTY	SAMPLE PACKING	LOCATION	SOURCE
1	RAJGARH			1 L.	ACCEPTABLE	01 FALODI COLONY, BYPASS ROAD, RAJGARH	TUBEWELL
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NATURE OF STUDY - Test Results

Field: Testing Discipline: Chemical Group: Water Sub Group: Drinking Water

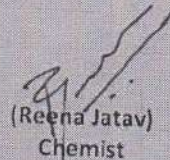
Details of parameters, their test methods, units and specifications as per BIS

No	Characteristics	Unit	AS Per IS: 10500 2012 & Amendment Feb 2021		Results		
			Requirement (Desirable limit)	Permissible limit in the absence of Alternate source	1	2	3
8	Temperature	°C			23.0°C		
9	Colour	Hazen Units			<5		
10	Taste Odour	mg/l			Objectionable		
11	Conductivity at 25°C	Micromhos Per cm ²			Unobjectionable		
12	Nitrate as NO ₃	mg/l	45	45	4.5		
13	Total Dissolved Solids	mg/l	500	2000	516.1		
14	Iron	mg/l	1.0	1.0	0.6		
15	Fluoride as F ⁻	mg/l	1.0	1.5	1.4		
16	Sulfate as SO ₄	mg/l	200	400	76.2		
17	Residual Chlorine as Cl ₂	mg/l	0.2	1.0	NIL		
18	Manganese as Mn	mg/l	0.1	0.3			
19	Arsenic	mg/l	0.01	0.01			
20	Total Coliform per 100 ml	mg/l			0		
21	Fecal Coliform 100 ml	mg/l			0		

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ISSUE NO. 335/DWTL/PHED/RAJGARH/2024-25 ISSUE DATE 26/03/24

ASANA PRINCIPAL
 SWAMI VIVEKANAND PUBLIC SCHOOL - RAJGARH(M.P.)

End of Report


MANAGER
 SWAMI VIVEKANAND PUBLIC SCHOOL
 RAJGARH