

कार्यालय सहायक यंत्री लोक स्वास्थ्य यांत्रिकी उपखण्ड मंदसौर

दुरभाष क्रमांक 07422-255284 फेक्स 07422-255215

क्रमांक 673 प्र.शा /स.यं./लो.स्वा.यां.वि./2025 मंदसौर,दिनांक 21/5/25

प्रति,

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विषय:- जल नमूने के परिक्षण उपरांत प्रतिवेदन प्रस्तुत करने बाबत।
संदर्भ :- आपका पत्र क्रमांक दिनांक 20-05-2025

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उपरोक्त विषय एवं संदर्भ में लेख है कि आपके द्वारा प्रेषित जल नमूनों का रासायनिक एवं जीवाणु परिक्षण विभागीय जिला स्तरिय जल परिक्षण प्रयोगशाला में किया गया प्राप्त परिणामों का प्रतिवेदन आपकी ओर संलग्न कर प्रस्तुत है।

संलग्न :- उपरोक्तानुसार

पृ.क्रमांक /प्र.शा /स.यं./लो.स्वा.यां.वि./2025 मंदसौर,दिनांक
प्रतिलिपि:-

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1 कार्यपालन यंत्री लोक स्वास्थ्य यांत्रिकी खण्ड मंदसौर की ओर सूचनार्थ प्रेषित।

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Condition of sample : OK or Not	Nature of sample: Drinking Water/ Other	Unique Identification Code:	/MDS	Sample Not Collected by Lab
Sender's name and address: The Shishuvan World School, Mandasaur.		Quantity of sample - Date and Time of Sampling - Sender's letter no. DWTLMDS receipt. No. Date of analysis started	1 Liter /PM 0 20/5/25	Nature of Packaging - Glass/PP Sender's letter Date DWTLMDS receipt Date Date of analysis completed
S.No.	Block	Village	Habitation	Location

1	Mandasaur	Mandasaur	School	Campus	Well
2					
3					
4					
5					

Discipline : Chemical, Group : Water
Details of parameters, their test methods, units and specifications as per BIS

S.No.	Characteristics	Test Method	Unit	Requirement (Desirable Limit)		Test Result				
				As per BIS - 10500:2012 & Amendment Jan 2021 For Drinking water	Permissible Limit in the absence of Alternate Sources	1	2	3	4	5
1	Total Hardness as CaCO ₃	IS 3025 (P-21):2009 RA 2019	Mg/l	200	600	158				
2	Calcium as Ca	IS 3025 (P-40):1991 RA 2019	Mg/l	75	200	56				
3	Magnesium as Mg	IS 3025 (P-46):1994 RA 2019	Mg/l	30	100	28				
4	Total Alkalinity as CaCO ₃	IS 3025 (P-23):1986 RA 2019	Mg/l	200	600	98				
5	Chloride as Cl	IS 3025 (P-32):1988 RA 2019	Mg/l	250	1000	124				
6	Colour	IS 3025 (P-04) :1983 RA 2017	Hazen	5	15	1.0				
7	pH	IS 3025 (P-11) : 1983 RA 2017	pH scale	6.5 to 8.5	6.5 to 8.5	7.8				
8	Odour	IS 3025 (P-5) : 2018		Agreeable	Agreeable	Agreeable				
9	Taste	IS 3025 (P-8) : 1984 RA 2017		Agreeable	Agreeable	Agreeable				
10	Turbidity	IS 3025 (P-10) : 1984 RA 2017	NTU	1.0	5.0	1.0				

- Specific Information :
- This report shall not be produced partly or full without written permission of laboratory.
 - Samples will be stored for a period of 15 days from the date of issue of report.
 - This laboratory does not hold any responsibility for variation in results for samples kept on hold.
 - Results relate only to the items tested and the sample as received.
 - Collection of sample from the source "This information is provided by the Customers only" and laboratory will not responsible for such information.
 - H-P= Hand pump, T.W.= Tube well.

Issue no. /DWTLPHED/MDS/ /2024 Issue Date: *End of Report*

Authorized Signatory
District Water Testing Laboratory Mandasaur

District Water Testing Laboratory
Public Health Engineering Department PHED
Near P.G.college Mandsaur (M.P.)

Sender's Letter No.:		Date:		DWTL Receipt No.		DWTL Receipt Date:		Unique Identification Code./MDS		
Physical and Chemical Test Report with details of Parameters, their Test methods, Units and Specifications as per BIS										
S.No	Characteristics	Test Method	Unit	As per BIS -10500:2012 & Amendment Jan 2021 For Drinking water		Test Results				
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Sources	Sample Numbers				
						1	2	3	4	5
11	Nitrate as NO ₃	PDA Method, Based on std. Method 1960 & NEERI Manual 2012	Mg/l	45	45	4.8				
12	Sulphate as SO ₄	IS 3025 (P-24) : 1986 RA 2022	Mg/l	200	400	46				
13	TDS	IS 3025 (P-16) : 1984 RA 2017	Mg/l	500	2000	312				
14	Fluoride as F-	IS 3025 (P-60) : 2008 RA 2019	Mg/l	1.0	1.5	0.24				
15	Iron as Fe	IS 3025 (P-53) : 2003 RA 2014	Mg/l	1.0	1.0	0.18				
16	Manganese as Mn	IS 3025 (P-59) : 2006 RA 2017	Mg/l	0.1	0.3	—				
Bacteriological Test Report With Details of their Test Methods, Units and Specifications as per BIS										
S.No	Characteristics	Test Method	Unit	As per BIS -10500:2012 & Amendment Jan 2021 For Drinking water		Test Results				
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Sources	Sample Numbers				
						1	2	3	4	5
1	Total Coliform	APHA 23 rd Edition	Per 100ml			NIL				
2	Faecal Coliform(TTC)	APHA 23 rd Edition	Per 100ml			NIL				

Specific Information :

Remarks (if Any)-


Quality Manager
 Authorized Signatory
 District Water Testing Laboratory Mandsaur

Issue no. /DWTL/PHED/MDS/ /2024 Issue Date: *End of Report*