

प्रश्न सं. [ क. 712 ]

विधानसभा तारांकित प्रश्न क्रमांक 712  
माननीय सदस्य श्री सतीश मालवीय

परिशिष्ट - 'अ'



REGIONAL LABORATORY  
M. P. POLLUTION CONTROL BOARD, UJJAIN (M.P.)  
17, BHARAT PURI, UJJAIN-456001  
Phone -0734-2510984, E-mail- rlmppcbujain@gmail.com

**TEST REPORT**

Report No.: 206/2024  
Date of issue: 06-06-2024

Sample from : :- River Chambal at Juna Nagda after confluence of Juna Nagda Nallah  
Description of Sample: :- River Water  
Reference: :- As per Monitoring Package / Payment Basis/Complaint  
Sampling Method: :- APHA 24 th edi. 2023

Date of Collection :	03-06-24	Sample Volume - 2 Litre
Date of Receipt :	03-06-24	Plastic bottle & Glass bottle - Plastic bottle
Start of Analysis :	03-06-24	Collected by :- Mr. H. S. Sharma, Jr. Scientist & Mr. Devendra Solanki, Chemist
Date of Completion of Analysis:	06-06-24	Analysed by :- Mr. Devendra Solanki, Chemist

## Visual Observations :

S.No.	Parameters	Unit	Test Method	Result
1	pH at Degree Centigrade	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	6.54
2	Specific Conductance	micromho/cm	APHA 24 th edi. 2023, By Conductivity Meter 2510-B	12290
3	Turbidity	N.T.U.	APHA 24 th edi. 2023, Nephelometric Method 2130-B	90.2
4	Chloride as Cl <sup>-</sup>	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl-B	1750
5	Total Alkalinity as CaCO <sub>3</sub>	mg/l	APHA 24 th edi. 2023, Titrimetric Method 2320-B	460
6	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Method 2340-C	2040
7	Calcium Hardness as CaCO <sub>3</sub>	mg/l	APHA 24 th edi. 2023, EDTA Titrimetric Method 3500-Ca-B	620
8	Magnesium Hardness as CaCO <sub>3</sub>	mg/l	APHA 24 th edi. 2023, Calculation Method 2340-B	1420
9	Dissolved Oxygen	mg/l	APHA 24 th edi. 2023, Azide Modification 4500-OC	Nil
10	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	9986
11	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	154
12	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	9832
13	B.O.D. (3 Days 27°C)	mg/l	IS 3025, Part-44, 2023 (3-Day B.O.D. Test)	90
14	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	210
15	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	APHA 24 th edi. 2023, Phenate Method 4500-NH3F	4.65
16	Nitrite as NO <sub>2</sub> -N	mg/l	APHA 24 th edi. 2023, Colorimetric Method 4500-NO2-B	0.008
17	Nitrate as NO <sub>3</sub> -N	mg/l	APHA 24 th edi. 2023, UV Spectrometer Method 4500-NO3-B	0.724
18	Phosphate as PO <sub>4</sub> <sup>3-</sup> -P	mg/l	APHA 24 th edi. 2023, Method 4500-PD-Stannous Chloride	1.92
19	Sulphate as SO <sub>4</sub> <sup>2-</sup>	mg/l	APHA 24 th edi. 2023, Turbidimetric Method 4500-E	2320
20	Sodium as Na	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-Na-B	1832
21	Potassium as K	mg/l	APHA 24 th edi. 2023, Flame photometer Method 3500-K-B	6.2
22	Total Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	>1600
23	Fecal Coliform	MPN/100ml	APHA 24 th edi. 2023, Standard Method	>1600

INDICATION :  PARAMETER DOES NOT CONFIRM TO-

1	Standards prescribed by M.P.P.C.B. in M.P. Gazette notification, dated 25-03-1988.
2	Standards prescribed in Environment (Protection) Rules 1986.
3	ND- Not Detected, BDL- Below Detectable Limit

## Note:-

- (1) The report shall not be reproduced except in full, without permission of Regional Laboratory, M.P. Pollution Control Board, Ujjain
- (2) No Statutory liability accepted for samples not collected by M.P.P.C.B.
- (3) The result relate only to the sample tested.
- (4) Sample received in sealed condition.

End of Test Report

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(A.D. Sant)  
Senior Scientific Officer  
Authorized Signatory



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**TEST REPORT**  
**ANALYSIS REPORT FOR WATER /WASTE WATER SAMPLE**

Report No. 207/2024  
Date of issue: 06-06-2024

Sample from : :- Nallah water at Juna Nagda before confluence of River Chambal Nagda  
Description of Sample: :- Nallah Water  
Reference: :- As per Monitoring Package / Payment Basis/Complaint  
Sampling Method: :- APHA 24 th edi. 2023

Date of Collection :	03-06-24	Sample Volume - 1 Litre
Date of Receipt :	03-06-24	Plastic bottel & Glass bottel - Plastic bottel
Start of Analysis :	03-06-24	Collected by :- Mr. H. S. Sharma, Jr. Scientist & Mr. Devendra Solanki, Chemist
Date of Completion of Analysis:	06-06-24	Analysed by :- Mr. Devendra Solanki, Chemist

Environmental condition during sampling :

Preservation Status : As per Protocol

Visual Observations :

- 1 Colour : Turbid
- 2 Apperance : --
- 3 Odour : Unpleasant

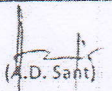
S.No.	Parameters	Unit	Test Method	Result
1	pH at Degree Centigrade	pH Units	APHA 24 th edi. 2023, Electrometric Method 4500-H+B,	7.14
2	Chloride as Cl <sup>-</sup>	mg/l	APHA 24 th edi. 2023, Argentometric Method 4500-Cl--B	4620
3	Total Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 B	14568
4	Suspended Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 D	112
5	Total Dissolved Solids	mg/l	APHA 24 th edi. 2023, Gravimetric Method 2540 C	14456
6	B.O.D. (3 Days 27°C)	mg/l	IS 3025, Part-44, 2023 (3-Day B.O.D. Test)	140
7	Chemical Oxygen Demand	mg/l	APHA 24 th edi. 2023, Open Reflux Method 5220-B	360
8	Phosphate as PO <sub>4</sub> <sup>3-</sup> -P	mg/l	APHA 24 th edi. 2023, Method ,4500-PD-Stannous Chloride	2.19


INDICATION :  PARAMETER DOES NOT CONFIRM TO:-

Note:-

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2	Standards prescribed in Environment (Protection) Rules 1986.	(2) No Statutory liability accepted for samples not collected by M.P.P.C.B.
3	ND- Not Detected , BDL- Below Detectable Limit	(3) The result relate only to the sampale tested.
		(4) Sample received in sealed condition.

End of Test Report

  
A.D. Sant  
Senior Scientific Officer  
Authorized Signatory

  
अनुभाम अधिकारी  
पर्यावरण विभाग  
मंत्रालय, भोपाल (म.प्र.)