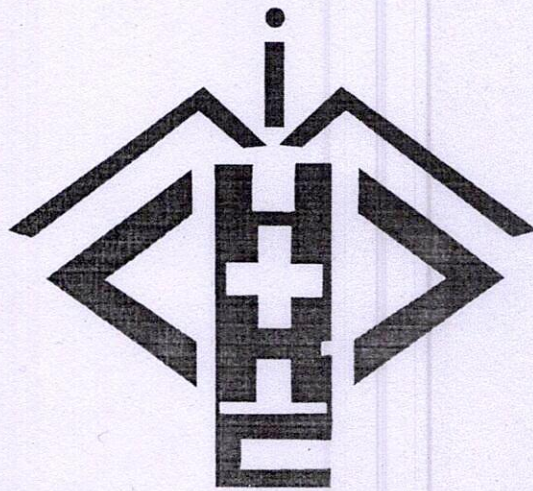


# Index Medical College Hospital & Research Centre



## WATER PLANT

*[Handwritten signature in green ink]*

Registrar

Malwanchal University  
Indore (M.P.)

*[Handwritten signature in black ink]*

DIRECTOR

ADMINISTRATION & PLANNING  
INDEX MEDICAL COLLEGE HOSPITAL

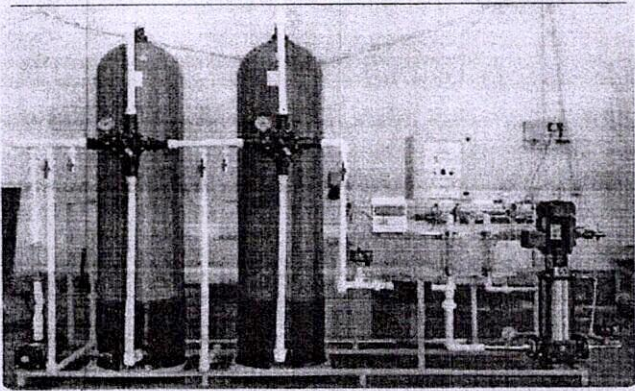


# Index Medical College Hospital & Research Centre

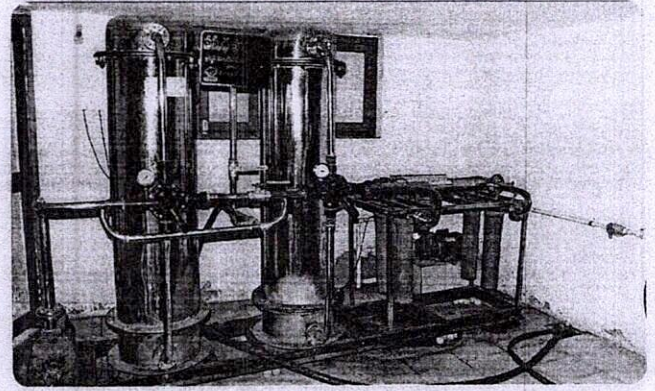
Index City, Near Khudel Village, NH-59A, Nemawar Road, District Indore, M.P.-452016

Phone No. 0731-4013600, Web Site : [indexgroup.co.in](http://indexgroup.co.in)

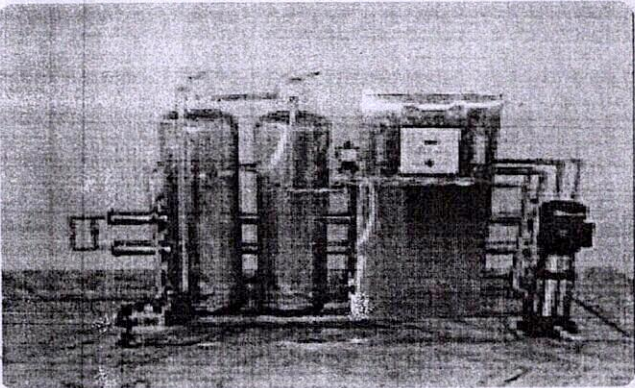
## WATER PLANT



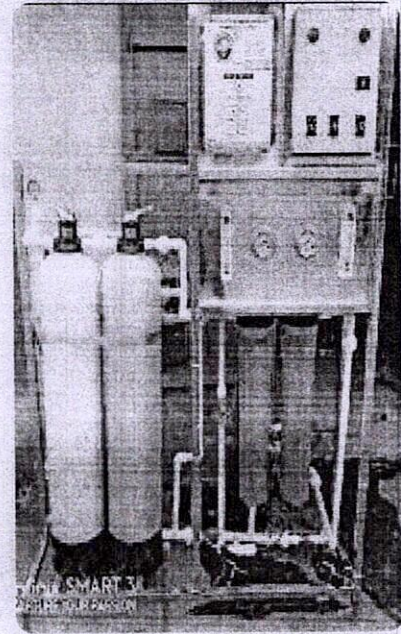
Hospital RO




Dialysis RO

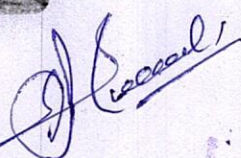


Boys Hostel




Dialysis RO

  
Registrar  
Malwanchal University  
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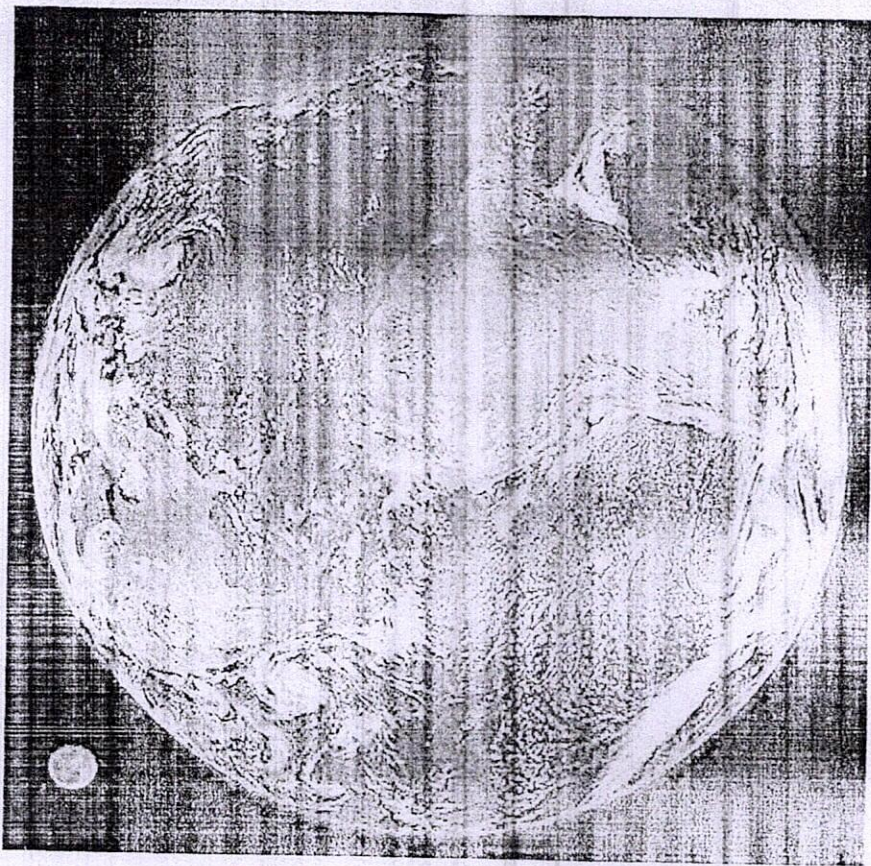
  
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# Drinking Water Test Parameters

  
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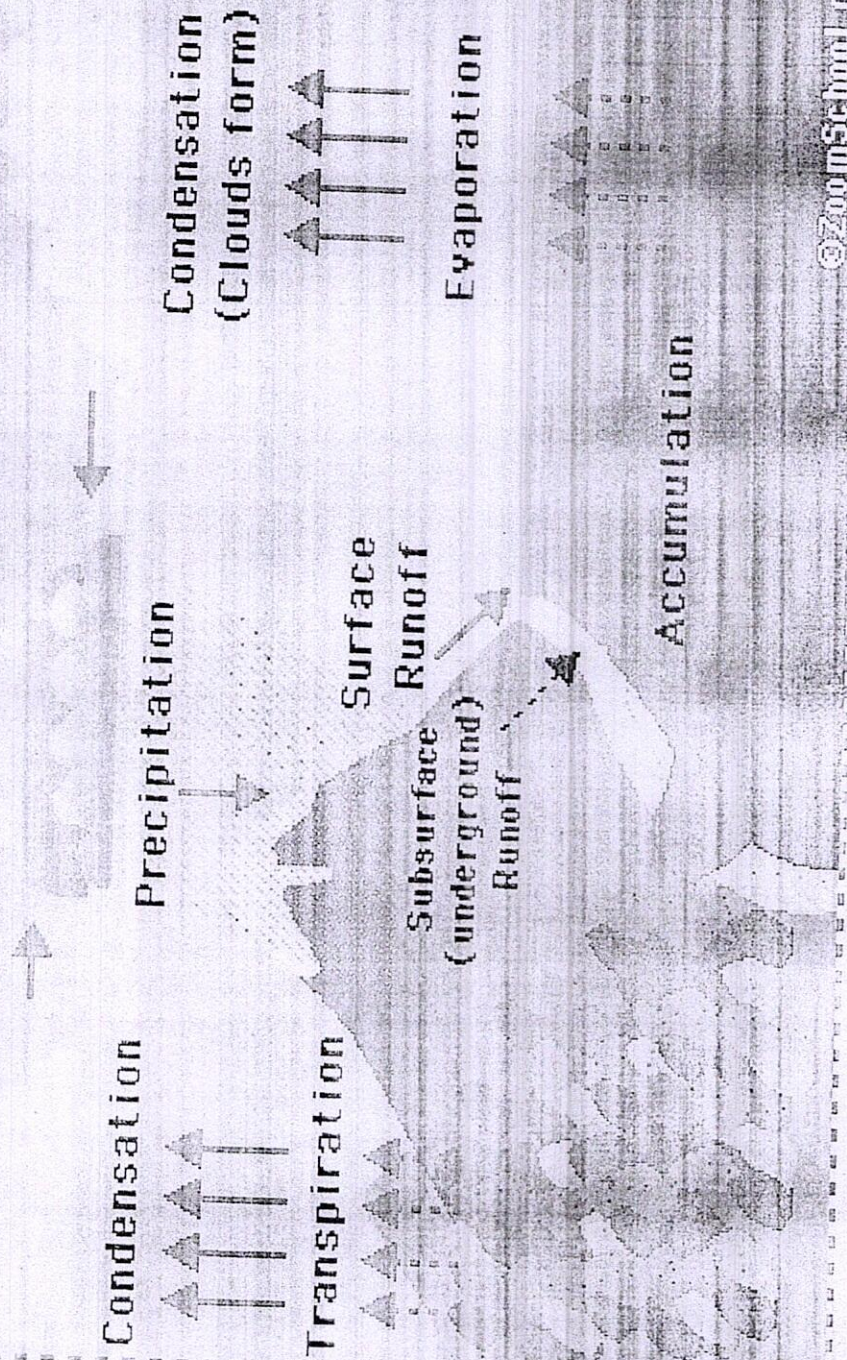
How much of our planet is water?



04/10/22  
Registrar  
Maulana Azad Memorial University  
Indore (M.P.)

*[Signature]*  
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# The Water Cycle (The Hydrologic Cycle)




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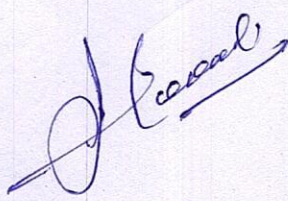
*[Handwritten Signature]*

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# Parameters for Drinking Water Testing

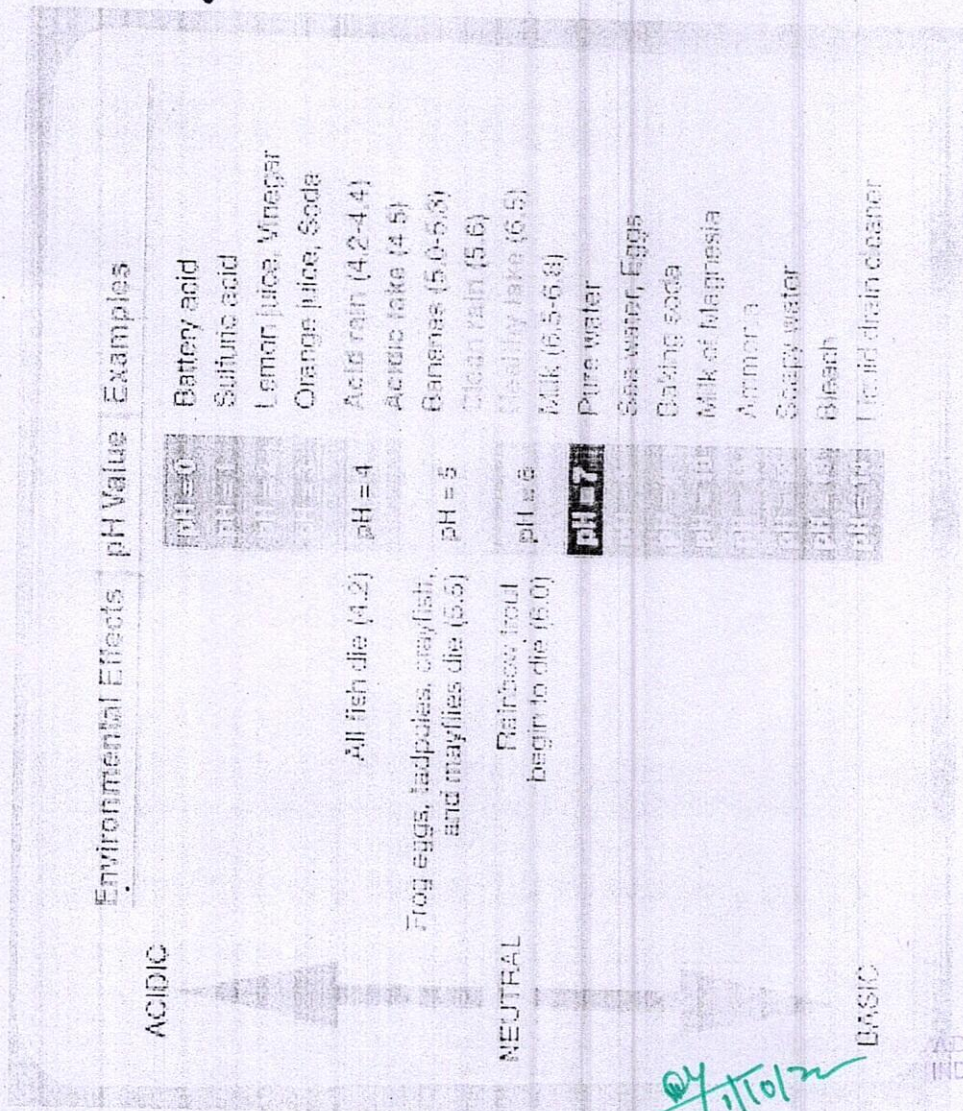
- Hardness
- pH
- Copper
- Iron
- Phosphate
- Chlorine
- Ammonia
- Chromium

  
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# pH

- pH is how acidic or basic something is.



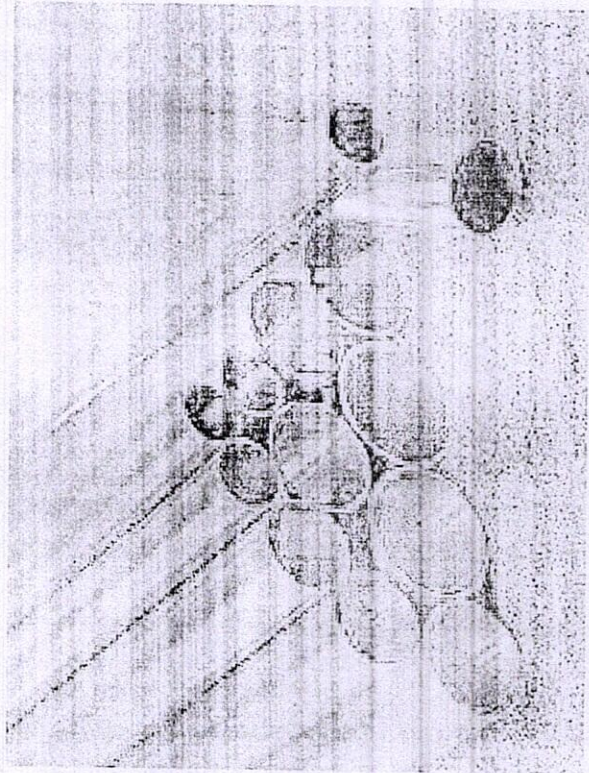
*Jitendra*  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**

*H. K. ...*

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# Copper

- From pipes and industrial components



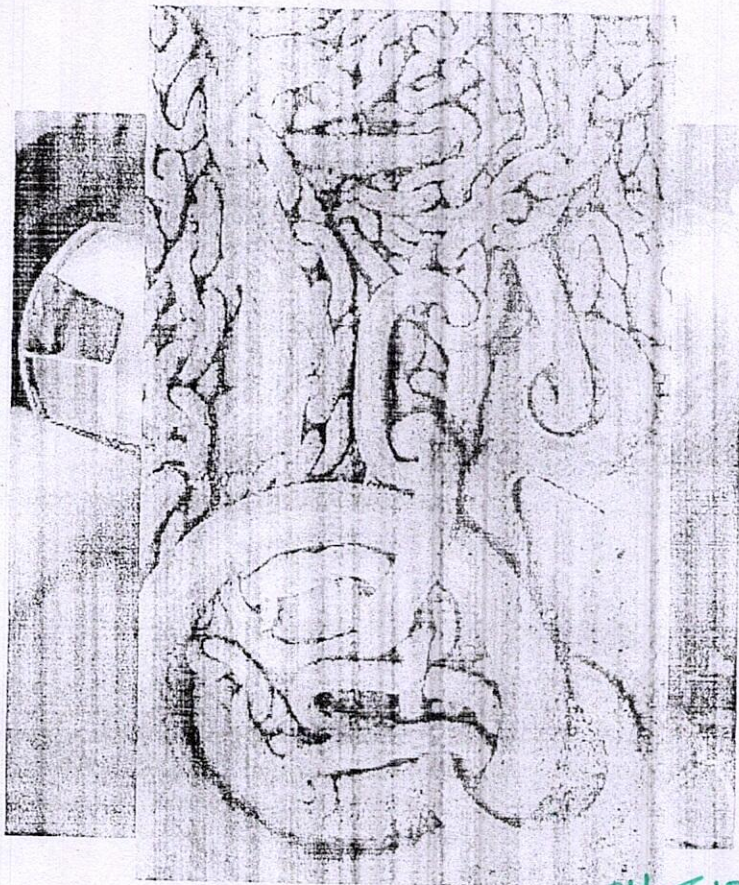
*Dr. Jitendra*  
Registrar  
Malwanchal University  
Indore (M.P.)

*[Signature]*  
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# Iron

- Enters water from rocks and soil



*[Handwritten signature]*

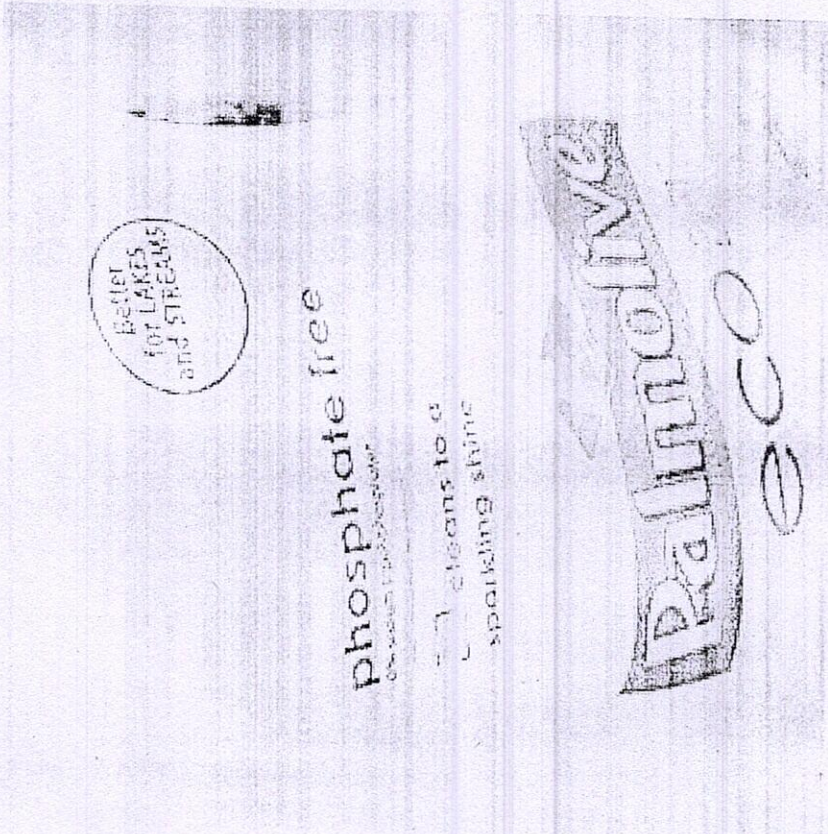
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*[Handwritten signature]*  
Registrar  
Malwanchal University  
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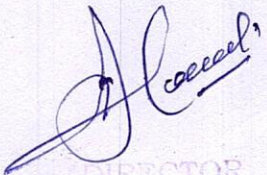
# Phosphate

- Found in many detergents
- Stimulates plant growth



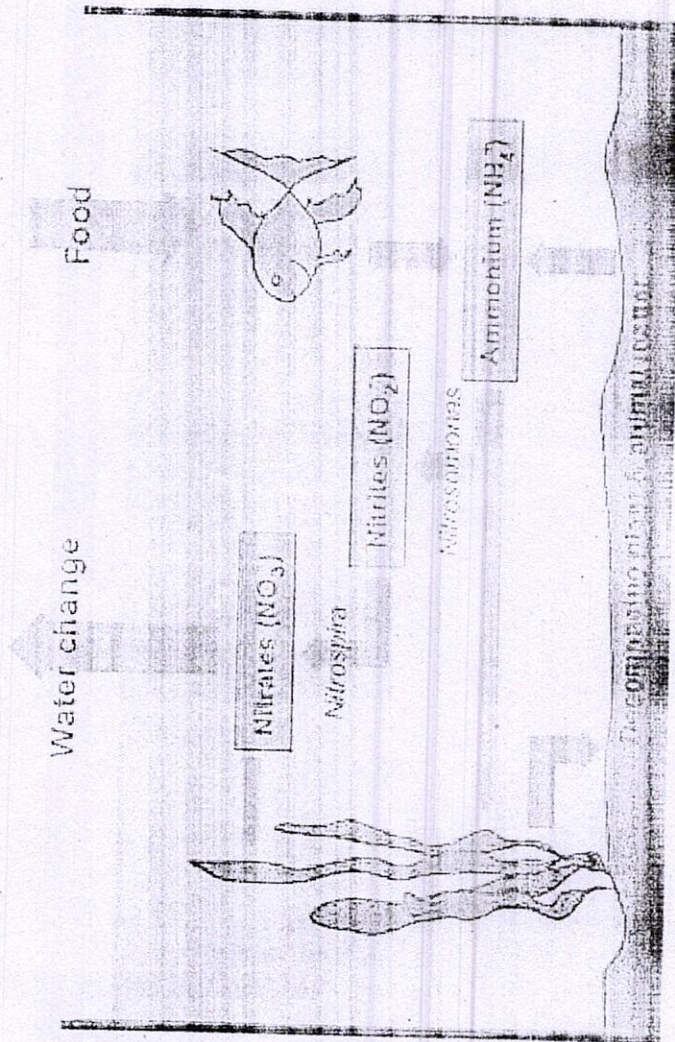
04/11/22

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# Ammonia

- Fecal matter and decaying vegetation produce ammonia



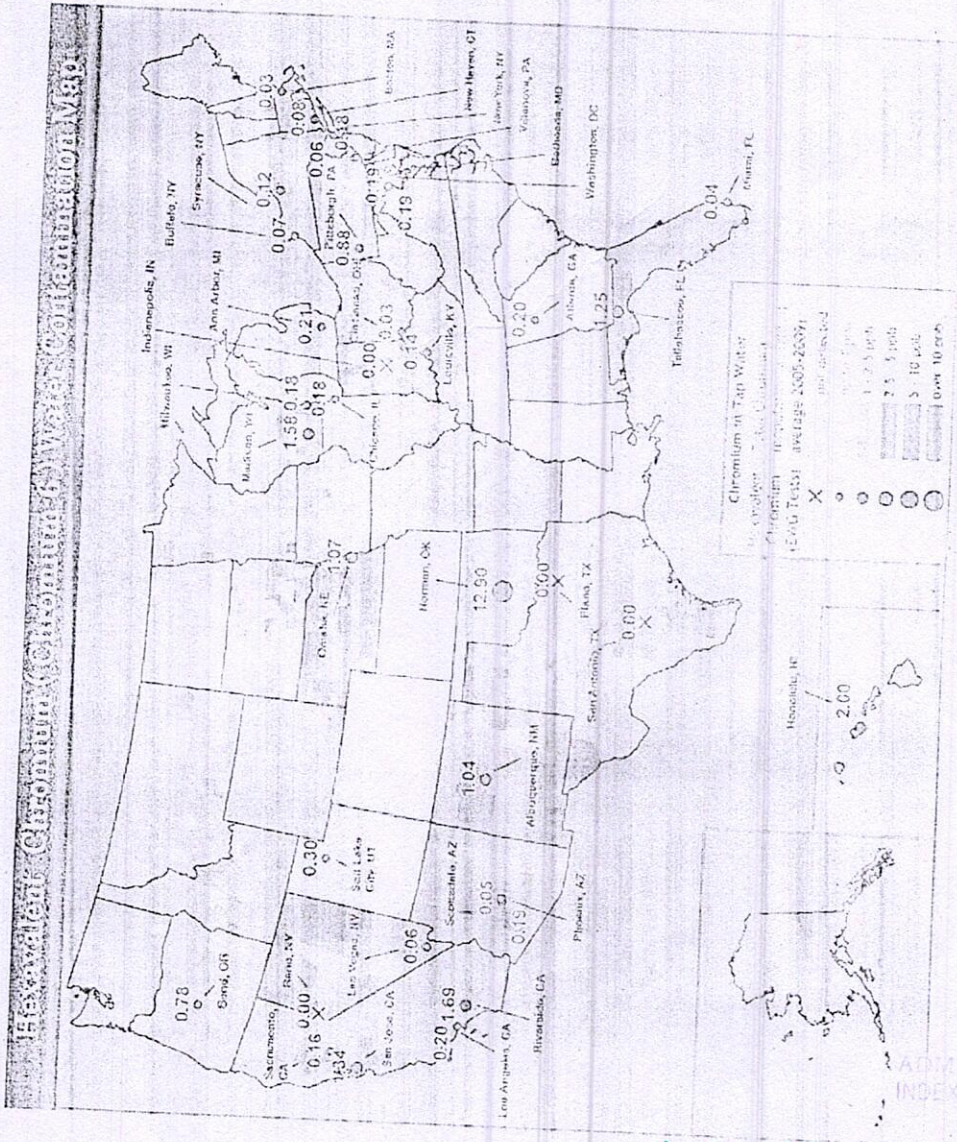
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Registrar  
**Malwanchal University**  
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# Chromium

- Can be naturally occurring or the result of industry



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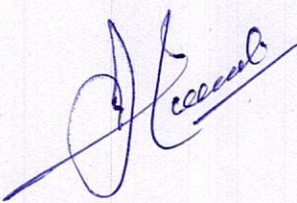
*[Handwritten Signature]*  
 Registrar  
 Malwanchal University  
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# Parameters for Drinking Water Testing

- Hardness
- pH
- Copper
- Iron
- Phosphate
- Chlorine
- Ammonia
- Chromium

  
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**Lesson Title: Drinking Water Testing**

**Objectives/ SWBAT:**

Utilize test kits to quantify contaminant levels of water from multiple sources. Create a profile of NYC municipal water from multiple local sources. Understand the significance of test results with respect to drinking water consumption safety for humans.

**Lesson duration:** 3 days

**Aim:** What contaminants are found in NYC water?

**Do Now:**

List as many potential contaminants to drinking water that you can think of.

**Materials:**

LaMotte water quality testing kits & pipets

Stopwatches

Water supply

Data worksheet

Computers for poster preparation

**Procedure:**

Day 1

1. Use powerpoint presentation to demonstrate the limited supply of clean drinking water, and to cover the 8 parameters to be tested on water supplies, with a focus on the source and harmful levels of the contaminant.

2. Break students into groups. They must design their own experiment clarifying which water sources they plan to test, at which times they will collect the sample, and a hypothesis of which types of contaminants they anticipate finding in the water.

3. Review of good technique for sampling water (sample early in morning, fill sample bottle to rim to minimize air contact)

Day 2

1. Do a demo of how the test kits work.

2. Students begin conducting 8 tests on their 2-3 selected water samples. Data collection sheet with normal ranges included below.

Day 3:

1. Students continue the water testing from previous day.

2. Data is displayed as a big spreadsheet on the board. There is a class discussion to analyze the results. Students must prepare a report of the experiment for homework.

**Homework:**

Students will write a report in scientific format.



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Indore (M.P.)



**REGIONAL LABORATORY**  
**M.P. POLLUTION CONTROL BOARD**  
**17, BHARAT PURI, UJJAIN - 456001**  
 Phone :- 0734-2525281, 2510984 FAX - 0734 - 2510984  
 E-mail : rlmppcbujain@gmail

Report No.286/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet after S.T.P.  
 Sampling Method : APHA, 22nd Edition, 1060

Date of collection	16.05.19	Sampling Volume - 2 Litre			
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"			
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore			
Date of Completion of Analysis	16.05.19	Analysis by : Mr. Devendra Solanki, Chemist			
S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	-----	----	----	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012. Electrmetric Method 4500 H/B.	1 to 14 pH Unit	6.21
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	1908
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	1846
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	62.0
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	180
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220- B	5 to 100000 mg/l	110
8	B.O.D. (3 Days 27°C)	Mg/l	IS 3025,P-44, 1993 (3 Days B.O.D Test)	1 to 50000 mg/l	28
INDICATION : PARAMETER DOES NOT CONFORM TO:-		Note:-			
<ul style="list-style-type: none"> <li>Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988</li> <li>Standards prescribed in Enviroment (Protection) Rules 1986.</li> </ul>		<ul style="list-style-type: none"> <li>The report shall not be reproduced except in full without permission of Regional Laboratory M.P.Pollution Control Borad Ujjain</li> <li>No Statutory liability accepted for samples not collected by M.P.P.C.B</li> <li>The result relate only to the sample tested.</li> <li>Sample received in sealed condition</li> </ul>			

*S. Shobha*  
 (Dr. Shobha Dhaneka)  
 Senior Scientific Officer

*D. Kamal*

DIRECTOR  
 ADMINISTRATION & PLANNING  
 INDEX MEDICAL COLLEGE HOSPITAL  
 & RESEARCH CENTRE

*D. Kamal*

**Registrar**  
**Malwanchal University**  
 Indore (M.P.)

**REGIONAL LABORATORY**  
**M.P. POLLUTION CONTROL BOARD**  
**17, BHARAT PURI, UJJAIN – 456001**  
 Phone :- 0734-2525281, 2510984 FAX – 0734 – 2510984  
 E-mail : rlmppcbujain@gmail

Report No.287/16

**TEST REPORT**

Sample from  
 Description of Sample  
 Sampling Method

: Index Medical College, Village Khudail, Indore  
 : Outlet before S.T.P.  
 : APHA, 22nd Edition, 1060

Date of collection	16.05.19	Sampling Volume – 2 Litre			
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"			
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore			
Date of Completion of Analysis	16.05.19	Analysis by : Mr. Devendra Solanki, Chemist			
S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	-----	----	----	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012. Electrmetric Method 4500 H'E.	1 to 14 pH Unit	8.34
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	4126
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	3964
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	162.0
6	Chlorice as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	1100
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000 mg/l	230
8	B.O.D.(3 Days 27°C)	Mg/l	IS 3025,P-44,1993 (3 Days B.O.D Test)	1 to 50000 mg/l	90
INDICATION : PARAMETER DOES NOT CONFORM TO-		Note:-			
<ul style="list-style-type: none"> <li>Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988</li> <li>Standards prescribed in Environment (Protection) Rules 1986.</li> </ul>		<ul style="list-style-type: none"> <li>The report shall not be reproduced except in full without permission of Regional Laboratory M.P.Pollution Control Board Ujjain.</li> <li>No Statutory liability accepted for samples not collected by M.P.P.C.B.</li> <li>The result relate only to the sample tested.</li> <li>Sample received in sealed condition.</li> </ul>			

*S.D.*  
 Drishobha Dhaneka  
 Senior Scientific Officer

DIRECTOR  
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*04/11/20*  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**

**TEST REPORT**

: Index Medical College, Village Khudail, Indore  
 : Outlet before S.T.  
 : APHA, 22nd Edition, 1060

Sample from  
 Description of Sample  
 Sampling Method

S. No.	Parameters	Units	Test Method	Range of testing	Result
03.10.19	Sampling Volume - 2 Litre				
03.10.19	Plastic Bottle 2 Litre Marked "2"				
03.10.19	Collected by: Index Medical College, Village Khudail, Indore.				
03.10.19	Analysis by: Mr. Devendra Solanki, Chemist				
1	Odour	---	---	---	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500 HB.	1 to 14 pH Unit	10
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	1909
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	2240
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	210
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	5041
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000 mg/l	6510
8	B.O.D. (3 Days 27°C)	Mg/l	IS 3025, P-44, 1993 (3 Days B.O.D Test)	1 to 50000 mg/l	800

INDICATION: PARAMETER DOES NOT CONFORM

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- Sample received in sealed condition.

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**Malwanchal University**  
**Indore (M.P.)**

*S.A.*  
**(Dr. Shobha Dhaneka)**  
 Senior Scientific Officer

*[Signature]*  
**DIRECTOR**  
 ADMINISTRATION & PLANNING  
 INDEX MEDICAL COLLEGE HOSPITAL  
 & RESEARCH CENTRE

TEST REPORT

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet after S.T.  
 Sampling Method : APHA, 22nd Edition, 1060

Date of collection	03.10.19	Sampling Volume - 2 Litre			
Date of Receipt	03.10.19	Plastic Bottle 2 Litre Marked "2"			
Start of Analysis	03.10.19	Collected by : Index Medical College, Village Khudail, Indore			
Date of Completion of Analysis	03.10.19	Analysis by : Mr. Devendra Solanki, Chemist			
S. No.	Units	Test Method	Range of testing	Unit	Result
1	Odour	---	---	---	Urpleasant
2	pH	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500 H/B	1 to 14	pH	9
3	Total Solids	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000	Mg/l	180
4	Total dissolved solids	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000	Mg/l	1210
5	Suspended solids	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000	mg/l	90
6	Chloride as Cl	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000	mg/l	870
7	Chemical Oxygen Demand	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000	mg/l	500
8	E.O.D.(3 Days 27°C)	IS 3025 P-44, 1993 (3 Days B.O.D Test)	1 to 50000	mg/l	90
INDICATION : PARAMETER DOES NOT CONFORM TO:		Note:-			
Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988		<ul style="list-style-type: none"> <li>The report shall not be reproduced except in full without permission of Regional Laboratory M.P. Pollution Control Board, Ujjain</li> <li>No Statutory liability accepted for samples not collected by M.P.P.C.B.</li> <li>The result relate only to the sample tested.</li> <li>Sample received in sealed condition.</li> </ul>			
Standards prescribed in Environment (Protection) Rules-1986.					

24/10/22  
 Registrar  
 Malwanchal University  
 Indore (M.P.)

SPM  
 (Dr. Shobha Dhaneka)  
 Senior Scientific Officer

*[Signature]*

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**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet after S.T.P.  
 Sampling Method : APHA, 22nd Edition, 1060

Date of collection	03.10.19	Sampling Volume - 2 Litre				
Date of Receipt	03.10.19	Plastic Bottle 2 Litre Marked "2"				
Start of Analysis	03.10.19	Collected by : Index Medical College, Village Khudail, Indore				
Date of Completion of Analysis	03.10.19	Analysis by : Mr. Devendra Solanki, Chemist				
S. No.	Parameters	Units	Test Method	Range testing	of	Result
1	Odour	-----	---	---	---	Unpleasant
2	pH	pH	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500 H <sup>+</sup> B	1 to 14	pH	9
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000	Mg/l	130
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000	Mg/l	1210
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000	mg/l	90
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000	mg/l	870
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000	mg/l	500
8	B.O.D.(3 Days 27°C)	Mg/l	IS 3025, P-44, 1993 (3 Days B.O.D Test)	1 to 50000	mg/l	90

INDICATION : PARAMETER DOES NOT CONFORM TO:  
 • Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1986  
 • Standards prescribed in Environment (Protection) Rules, 1986.

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*(Signature)*

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 Indore (M.P.)**

*(Signature)*  
**(Dr. Shobha Dhaneka)  
 Senior Scientific Officer**

**DIRECTOR  
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 & RESEARCH CENTRE**

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet before S.  
 Sampling Method : APHA, 22nd Edition, 1960

Date of collection		22.05.20	Sampling Volume - 2 Litre		
Date of Receipt		22.05.20	Plastic Bottle 2 Litre Marked "2"		
Start of Analysis		22.05.20	Collected by : Index Medical College, Village Khudail, Indore		
Date of Completion of Analysis		22.05.20	Analysis by : Mr. Devendra Solanki, Chemist		
S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	----	----	----	Unpleasant
2	pH	----	APHA 22 <sup>nd</sup> edi. 2012. Electrimetric Method 4500 H/B.	1 to 14 pH	13
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	4356
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	5010
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	510
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	4600
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000 mg/l	7125
8	B.O.D (3 Days 27°C)	Mg/l	IS 3025, P-4, 1993 (3 Days B.O.D Test)	1 to 50000 mg/l	725

INDICATION : PARAMETER DOES NOT CONFORM TO-

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- Standards prescribed in Environment (Protection) Rules 1986.

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**Malwanchal University**  
**Indore (M.P.)**

*Spw*  
 (Dr. Shobha Dhaneka)  
 Senior Scientific Officer

*[Signature]*  
 DIRECTOR  
 ADMINISTRATION & PLANNING  
 INDEX MEDICAL COLLEGE HOSPITAL  
 & RESEARCH CENTRE

TEST REPORT

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet after S.T.P.  
 Sampling Method : APHA, 22nd Edition, 1060

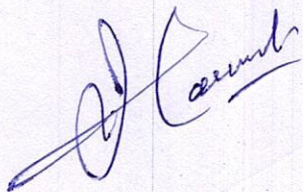
S. No.	Parameters	Units	Test Method	Range testing	Result
1	Odour	-----	-----	----	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500 HB.	1 to 14 pH Unit	7.28
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	185
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	350
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	39
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	245
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000 mg/l	190
8	B.O.D (3 Days 27°C)	Mg/l	IS 3025, P-44, 1993 (3 Days B.O.D Test)	1 to 50000 mg/l	29

INDICATION: PARAMETER DOES NOT CONFORM TO:  
 • Standards prescribed by M.P.P.C.B in M.P. Gazette notification dated 25-03-1988  
 • Standards prescribed in Environment (Protection) Rules 1986.

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 • The result relate only to the sample tested.  
 • Sample received in sealed condition

  
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 Indore (M.P.)

S.D.M  
 (Dr. Shobha Dhaneka)  
 Senior Scientific Officer

  
 DIRECTOR  
 ADMINISTRATION & PLANNING  
 INDEX MEDICAL COLLEGE HOSPITAL  
 & RESEARCH CENTRE

TEST REPORT

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet before S.  
 Sampling Method : APHA, 22nd Edition, 1060

S. No.	Parameters	Units	Test Method	Range of testing	Result
09.06.21	Sampling Volume - 2 Litre				
09.06.21	Plastic Bottle 2 Litre Marked "2"				
09.06.21	Collected by : Index Medical College, Village Khudail, Indore				
09.06.21	Analysis by : Mr. Devendra Solanki, Chemist				
1	Odour	---	---	---	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012. Electrimetric Method 4500 H <sub>2</sub> B.	1 to 14 pH Unit	11
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	4600
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	4300
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	570
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	3515
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220-B	5 to 100000 mg/l	7603
8	B.O.D. (3 Days 27°C)	Mg/l	IS 3025, P-44, 1993 (3 Days B.O.D Test)	1 to 50000 mg/l	450

INDICATION : PARAMETER DOES NOT CONFORM TO:  
 • Standards prescribed by M.P.P.C.B. in M.P.  
 Gazette notification dated 25-03-1983  
 • Standards prescribed in Environment (Protection) Rules, 1986.

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 • The result relate only to the sample tested  
 • Sample received in sealed condition

Registrar  
**Malwanchal University**  
 Indore (M.P.)

(Dr. Shobha Dhaneka)  
 Senior Scientific Officer

*Handwritten signature*  
 DIRECTOR  
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 & RESEARCH CENTRE



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 E-mail : rlmppcbujain@gmail

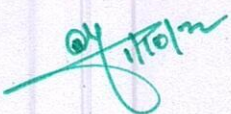
Report No. 408/21

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water near Palm Tree  
 Sampling Method : APHA, 22nd Edition, 1060

S. N.	Parameters	Units	Test Method	Range of testing	Result
	Date of collection	03.04.21	Sampling Volume - 2 Litre		
	Date of Receipt	03.04.21	Plastic Bottle 2 Litre Marked *2		
	Start of Analysis	03.04.21	Collected by : Index Medical College, Village Khudail, Indore		
	Date of Completion of Analysis	03.04.21	Analysis by : Mr. Devendra Solanki, Chemist		
1	Odour	-----	----	-----	Unpleasant
2	Colour	Pt Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method		5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	11
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	7.16
5	Specific Conductance	Micromho/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510- B	1 to 20000 micromho/cm	1260
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	780
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	615
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	96
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> F	0.1 to 20 mg/l	EDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.002 to 5 mg/l	EDL
11	Nitrate as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>3</sub> -B	0.1 to 100 mg/l	5.01
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000mg/l	30.12
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	EDL
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	13.1
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	160.3
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	20
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	170
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	54
INDICATION : PARAMETER DOES NOT CONFORM TO-			Note:-		
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			(3) The result relate only to the sample tested.		
			(4) Sample received in sealed condition		

(Dr. Shobha Dhaneka  
 Senior Scientific Officer

  
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**Malwanchal University**  
**Indore (M.P.)**

  
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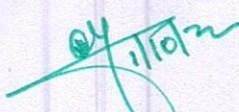
Report No. 409/21

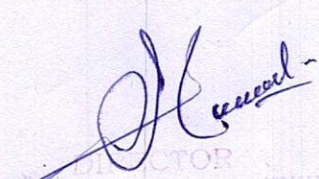
**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water Infront of college  
 Sampling Method : APHA, 22nd Edition , 1060

S. N.	Parameters	Units	Test Method	Range testing of	Result
	Date of collection	03.04.21	Sampling Volume - 2 Litre		
	Date of Receipt	03.04.21	Plastic Bottle 2 Litre Marked "2"		
	Start of Analysis	03.04.21	Collected by : Index Medical College, Village Khudail, Indore		
	Date of Completion of Analysis	03.04.21	Analysis by : Mr. Devendra Solanki, Chemist		
1	Odour	----	----	----	Unpleasant
2	Colour	Pt Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method		5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	1.2
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	8.3
5	Specific Conductance	Micromh o/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510- B	1 to 20000 micromho/cm	1202
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	720
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	630
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	90.2
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> -F	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.002 to 5 mg/l	BDL
11	Nitrate as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>3</sub> -B	0.1 to 100 mg/l	7.9
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000mg/l	33.1
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	BDL
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mfo/l	120
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	200
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	255
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	160
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	65
INDICATION : PARAMETER DOES NOT CONFORM TO-			Note:-		
1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988			(1) The report shall not be reproduced except in full without permission of Regional Laboratory M.P.Pollution Control Borad Ujjain		
2. Standards prescribed in Environment (Protection) Rules 1986.			(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.		

(Dr. Shobha Dhaneka)  
 Senior Scientific Officer

  
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 Phone :- 0734-2525281, 2510984 FAX – 0734 – 2510984  
 E-mail : rlmppcbujjain@gmail


Report No. 410/21

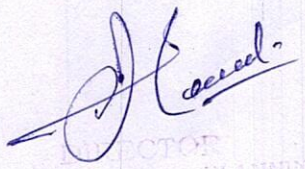
**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water Infront of Hospital  
 Sampling Method : APHA, 22nd Edition, 1060

S. N.	Parameters	Units	Test Method	Range of testing	Result
Date of collection			03.04.21	Sampling Volume – 2 Litre	
Date of Receipt			03.04.21	Plastic Bottle 2 Litre Marked '2'	
Start of Analysis			03.04.21	Collected by : Index Medical College, Village Khudail, Indore	
Date of Completion of Analysis			03.04.21	Analysis by : Mr. Devendra Solanki, Chemist	
1	Odour	----	----	----	Unpleasant
2	Colour	Pt Co. Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method		5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	10
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	7.23
5	Specific Conductance	Micromho/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510- B	1 to 20000 micromho/cm	1190
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	750
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	765
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	11.5
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500-NH <sub>3</sub> -F	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500-NO <sub>2</sub> -B	0.002 to 5 mg/l	BDL
11	Nitrite as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500-NO <sub>3</sub> -B	0.1 to 100 mg/l	6.9
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000mg/l	31.42
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	11.1
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 1000 mg/l	18.1
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	190
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	190
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	175
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	30
INDICATION : PARAMETER DOES NOT CONFORM TO-			Notes-		
1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988			(1) The report shall not be reproduced except in full without permission of Regional Laboratory M.P. Pollution Control Board Ujjain		
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			(3) The result relate only to the sample tested.		
			(4) Sample received in sealed condition		

(Dr. Shobha Dhaneka)  
 Senior Scientific Officer

  
**Registrar**  
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 E-mail : rlmppcbujain@gmail

Report No. 283/16

**TEST REPORT**

Sample from  
 Description of Sample  
 Sampling Method

Index Medical College, Village Khudail, Indore  
 Outlet after S.T.P.  
 APHA, 22nd Edition, 1060

Date of collection	16.05.19	Sampling Volume – 2 Litre
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore
Date of Completion of Analysis	23.05.19	Analysis by : Mr. Devendra Solanki, Chemist

S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	----	----	----	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500 H <sup>+</sup> B.	1 to 14 pH Unit	6.21
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	1908
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	1846
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	62.0
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	180.0
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Open Reflux Method 5220- B	5 to 100000 mg/l	110.0
8	B.O.D.(3 Days 27°C)	Mg/l	IS 3025, P-44,1993 ( 3 Days B.O.D Test)	1 to 50000 mg/l	28.0

INDICATION CONFORM TO-	PARAMETER DOES NOT	CONFORM TO-	Note:-
1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988	Standards prescribed in Environment (Protection) Rules 1986		(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

*Dr. Shobha Dhanekar*  
 (Dr. Shobha Dhanekar)  
 Senior Scientific Officer

*Dr. Shobha Dhanekar*  
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 E-mail : rlmppcbujain@gmail

Report No. 237/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Outlet before S.T.P.  
 Sampling Method : APHA, 22nd Edition , 1060


Date of collection	16.05.19	Sampling Volume – 2 Litre
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore
Date of Completion of Analysis	23.05.19	Analysis by : Mr. Devendra Solanki, Chemist

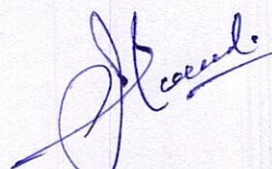
  

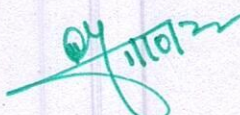
S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	----	----	----	Unpleasant
2	pH	pH Units	APHA 22 <sup>nd</sup> edi. 2012 Electrometric Method 4500 H <sup>+</sup> B.	1 to 14 pH Unit	8.34
3	Total Solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 Gravimetric Method 2540 B	10 to 100000 Mg/l	4126
4	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 Gravimetric Method 2540 C	10 to 100000 Mg/l	3664
5	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 Gravimetric Method 2540 D	5 to 1000 mg/l	152.0
6	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 Argentometric Method 4500-Cl-B	5 to 50000 mg/l	1100.0
7	Chemical Oxygen Demand	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 Open Reflux Method 5220- B	5 to 100000 mg/l	230.0
8	B.O.D.(3 Days 27°C)	Mg/l	IS 3025, P-44, 1993 (3 Days B.O.D Test)	1 to 50000 mg/l	90.0

INDICATION : PARAMETER DOES NOT CONFORM TO-	<u>Notes</u>
1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988	(1) The report shall not be reproduced except in full without permission of Regional Laboratory M.P.Pollution Control Board Ujjain
Standards prescribed in Environment (Protection) Rules 1986.	(2) No Statutory liability accepted for samples not collected by M.P.P.C.B.
	(3) The result relate only to the sample tested.
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Report No. : 268/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water Near Boys Hostel  
 Sampling Method : APHA, 22nd Edition, 1060

Date of collection	16.05.19	Sampling Volume – 2 Litre
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore
Date of Completion of Analysis	23.05.19	Analysis by : Mr. Devendra Solanki, Chemist

S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	-----	----	----	Unpleasant
2	Colour	Pt Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method	----	
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	Nil
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	7.82
5	Specific Conductance	Micromho/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510- B	1 to 20000 micromho/cm	576
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	378
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	368
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	10.0
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> -F	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.002 to 5 mg/l	BDL
11	Nitrate as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>3</sub> -B	0.1 to 100 mg/l	1.90
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000mg/l	10.13
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	3.00
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500 Cl-B	5 to 50000 mg/l	25.0
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	136.0
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	88.0
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	40.0
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	48.0

INDICATION : PARAMETER DOES NOT CONFORM 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

Note:-  
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 (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

*(Signature)*  
 (Dr. Shobha Dharekar)  
 Senior Scientific Officer

*(Signature)*  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**

*(Signature)*  
**DIRECTOR**  
**ADMINISTRATION & PLANNING**  
**INDEX MEDICAL COLLEGE HOSPITAL**  
**& RESEARCH CENTRE**

**REGIONAL LABORATORY**  
**M.P. POLLUTION CONTROL BOARD**  
**17, BHARAT PURI, UJJAIN – 456001**  
 Phone :- 0734-2525281, 2510984 FAX – 0734 – 2510984  
 E-mail : rlmppcbujain@gmail

Report No. 283/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well near Girl's hostel  
 Sampling Method : APHA, 22nd Edition , 1060

Date of collection	16.05.19	Sampling Volume – 2 Litre
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore
Date of Completion of Analysis	23.05.19	Analysis by : Mr. Devendra Solanki, Chemist


S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	---	---	---	Unpleasant
2	Colour	Pt Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method	---	5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	Nil
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	7.24
5	Specific Conductance	Micromho/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510-B	1 to 20000 micromho/cm	544
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	35.0
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	34.4
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	8.0
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> F	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.002 to 5 mg/l	BDL
11	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>2</sub> -B	0.1 to 100 mg/l	BDL
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000 mg/l	50.0
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-FD-Stannous Chloride	0.1 to 20 mg/l	5.0
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	28.0
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	120.0
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	112.0
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	80.0
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	32.0

INDICATION : PARAMETER DOES NOT CONFORM TO-

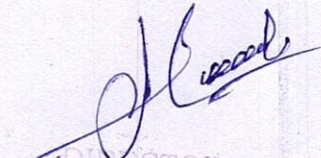
- Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988
- Standards prescribed in Environment (Protection) Rules 1986.

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- The result relate only to the sample tested
- Sample received in sealed condition

  
 (Dr. Shobha Dhanekar)  
 Senior Scientific Officer

  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**

  
**DIRECTOR**  
**ADMINISTRATION & PLANNING**  
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 E-mail : rlmppcbujain@gmail

Report No.290/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water in front of Hospital  
 Sampling Method : APHA, 22nd Edition, 1000

S. No.	Parameters	Units	Test Method	Range of testing	Result
Date of collection	16.08.16	Sampling Volume - 2 Litre			
Date of Receipt	16.08.16	Plastic Bottle 2 Litre Marked "2"			
Start of Analysis	16.08.16	Collected by : Index Medical College, Village Khudail, Indore			
Date of Completion of Analysis	23.08.16	Analysis by : Mr. Devendra Solanki, Chemist			
1	Odour	-----			Unpleasant
2	Colour	Pt Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method		5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	2
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	7.53
5	Specific Conductance	Micromho/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510-B	1 to 20000 micromho/cm	1250
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	614
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	602
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	12.0
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> -F	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.002 to 5 mg/l	BDL
11	Nitrate as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>3</sub> -B	0.1 to 100 mg/l	5.34
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000mg/l	29.02
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	BDL
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	105.0
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	160.0
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	270.0
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	140.0
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	130.0
INDICATION : PARAMETER DOES NOT CONFORM TO-			Note:-		
1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1988 Standards prescribed in Environment (Protection) Rules 1986.			(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		

(Dr. Stobha Chandra)  
 Senior Scientific Officer

*04/11/16*  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**

**DIRECTOR**  
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 E-mail : rlmppcbujain@gmail

Report No.291/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water in front of college  
 Sampling Method : APHA, 22nd Edition, 1060

Date of collection	16.05.19	Sampling Volume - 2 Litre
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore
Date of Completion of Analysis	23.05.19	Analysis by : Mr. Devendra Solanki, Chemist

S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	----	----	----	Unpleasant
2	Colour	Pt Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method		5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	1.1
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H B	1 to 14 Ph Unit	7.46
5	Specific Conductance	Micromh o/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510-B	1 to 20000 micromho/cm	119 <sup>th</sup>
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	7.2
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	7.62
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	10.0
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> F	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.002 to 5 mg/l	BDL
11	Nitrite as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>3</sub> -B	0.1 to 100 mg/l	6.27
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000 mg/l	3.4
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	BDL
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	1.0
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	200.0
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	280.0
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	108.0
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	172.0

INDICATION : PARAMETER DOES NOT CONFORM TO-	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
1. Standards prescribed by M.P.P.C.B. in M.P. Gazette notification dated 25-03-1985 2. Standards prescribed in Environment (Protection) Rules 1986	

Dr. Shubha Dhanekar  
 Senior Scientific Officer

*(Signature)*

DIRECTOR  
 ADMINISTRATION & PLANNING  
 INDEX MEDICAL COLLEGE HOSPITAL  
 & RESEARCH CENTRE

*(Signature)*  
 Registrar  
**Malwanchal University**  
 Indore (M.P.)

**REGIONAL LABORATORY**  
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 E-mail : rlmppcbujain@gmail

Report No. 292/16

**TEST REPORT**

Sample from : Index Medical College, Village Khudail, Indore  
 Description of Sample : Tube well water near Palm Tree.  
 Sampling Method : APHA, 22nd Edition , 1060

Date of collection	16.05.19	Sampling Volume – 2 Litre
Date of Receipt	16.05.19	Plastic Bottle 2 Litre Marked "2"
Start of Analysis	16.05.19	Collected by : Index Medical College, Village Khudail, Indore
Date of Completion of Analysis	23.05.19	Analysis by : Mr. Devendra Solanki, Chemist

S. No.	Parameters	Units	Test Method	Range of testing	Result
1	Odour	----	---	----	Unpleasant
2	Colour	Pl Co.Sc.	APHA 22 <sup>nd</sup> edi. 2012. Standard Method	----	5
3	Turbidity	N.T.U	APHA 22 <sup>nd</sup> edi. 2012. Nephelometric Method 2130-B	1 to 1000 NTU	1.2
4	pH	Ph Units	APHA 22 <sup>nd</sup> edi. 2012. Electrometric Method 4500-H-B	1 to 14 Ph Unit	7.40
5	Specific Conductance	Micromh o/cm	APHA 22 <sup>nd</sup> edi. 2012. By Conductivity Method 2510-B	1 to 20000 micromho/cm	1175
6	Total solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 B	10 to 100000 Mg/l	828
7	Total dissolved solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 C	10 to 100000 Mg/l	818
8	Suspended solids	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Gravimetric Method 2540 D	5 to 1000 mg/l	10.0
9	Ammonical Nitrogen as NH <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Phenate Method 4500 NH <sub>3</sub> -P	0.1 to 20 mg/l	BDL
10	Nitrite as NO <sub>2</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Colorimetric Method 4500 NO <sub>2</sub> -B	0.02 to 5 mg/l	3.45
11	Nitrite as NO <sub>3</sub> -N	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. UV Spectrometer Method 4500 NO <sub>3</sub> -E	0.1 to 110 mg/l	5.45
12	Sulphate as SO <sub>4</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Turbidimetric Method 4500-E	1 to 5000mg/l	32.88
13	Phosphate as PO <sub>4</sub> -P	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Method 4500-PD-Stannous Chloride	0.1 to 20 mg/l	BDL
14	Chloride as Cl	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Argentometric Method 4500-Cl-B	5 to 50000 mg/l	146.0
15	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012. Titrimetric Method 2320-B	10 to 1000 mg/l	192.0
16	Total Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 2340-C	10 to 5000 mg/l	192.0
17	Calcium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Titrimetric Method 3500-Ca-B	5 to 5000 mg/l	81.0
18	Magnesium Hardness as CaCO <sub>3</sub>	Mg/l	APHA 22 <sup>nd</sup> edi. 2012 EDTA. Calculation Method 2340-B	5 to 5000 mg/l	111.0

INDICATION : PARAMETER DOES NOT CONFORM 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

Note:-  
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 (3) The result relate only to the sample tested.  
 (4) Sample received in sealed condition

*(Signature)*  
 (Dr. Shobha Dhanekar)  
 Senior Scientific Officer

*(Signature)*  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**

*(Signature)*  
**DIRECTOR**  
**ADMINISTRATION & PLANNING**  
**INDEX MEDICAL COLLEGE HOSPITAL**  
**& RESEARCH CENTRE**

Report: In-house Pathology Lab

Date: 28/11/22

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O . Water - Data Collection

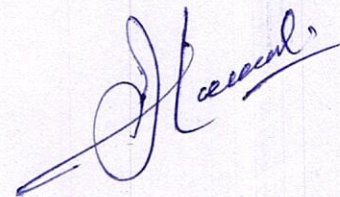
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Location / Source-2: C.S.S.D.

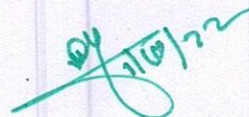
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	36	36
	pH	6.5-8.2	7.6	7.6
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	78 ppm	78 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

DEPT. OF PATHOLOGY  
Index Medical College Hospital & Research Centre



DIRECTOR  
ADMINISTRATION & PLANNING  
INDEX MEDICAL COLLEGE HOSPITAL  
& RESEARCH CENTRE



Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 12/02/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

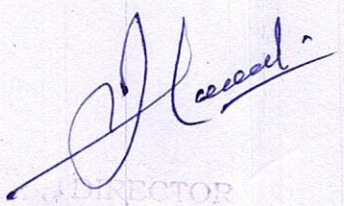
Location / Source-1: CSSD

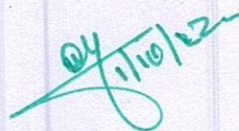
Location / Source-2: CSSD

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	35	35
	pH	6.5-8.2	6.7	6.7
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		8 ppm	8 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 30/03/20

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection


Location / Source-1: C.S.S.D.

Location / Source-2: C.S.S.D.

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	8.6	8.8
	pH	6.5-8.2	7.2	7.2
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	7 ppm	7 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 05/4/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection


Location / Source-1: C.S.S.D.

Location / Source-2: C.S.S.D.

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	38	38
	pH	6.5-8.2	5.9	5.9
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	9 ppm	9 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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04/1/10/22  
Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 05/05/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

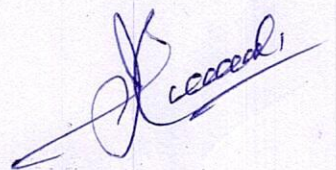
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Location / Source-2: C.S.S.d.

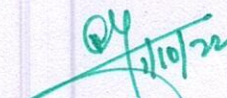
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	37	37
	pH	6.5-8.2	8	8
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	30 ppm	32 PPM

Note: (I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 10/06/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

Location / Source-1: C.S.S. ch.

Location / Source-2: C.S.S. ch.

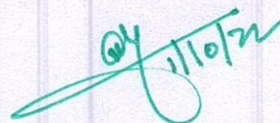
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	39	39
	pH	6.5-8.2	6.2	6.2
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	79 ppm	59 ppm

Note: ( i.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)



Report: In-house Pathology Lab

Date: 12/12/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

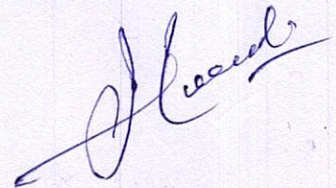
Location / Source-1: R.S.S.D.

Location / Source-2: C.S.S.D.

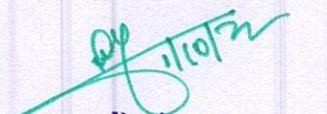
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	36	36
	pH	6.5-8.2	7.4	7.4
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	83ppm	83ppm

Note: (I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 10/01/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudali, Indore

### R . O. Water - Data Collection

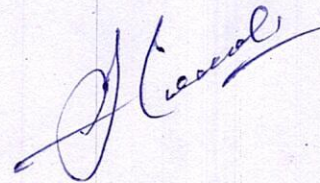
Location / Source-1: Dialysis.

Location / Source-2: Dialysis.

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	36.	26
	pH	6.5-8.2	7.2.	7.2.
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	82 ppm.	53ppm.

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 15/09/2020

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

R. O. Water - Data Collection

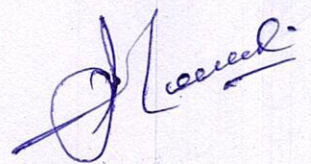
Location / Source-1: Dialysis

Location / Source-2: Dialysis

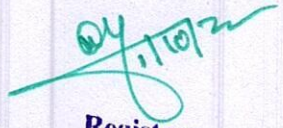
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	87	87
	pH	6.5-8.2	8.7	8.7
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		700	700

Note: ( i.e. how was water collected, notes on appearance, etc.)

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Report: In-house Pathology Lab

Date: 13/03/20

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

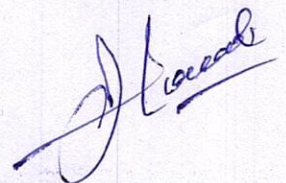
Location / Source-1: Dialysis

Location / Source-2: Dialy. SW

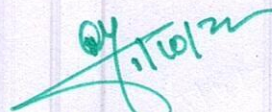
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	39	39
	pH	6.5-8.2	7.4	7.4
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	30 ppm	30 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 09/04/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudall, Indore

### R . O. Water - Data Collection

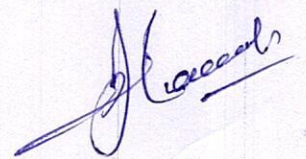
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Location / Source-2: DIALYSIS

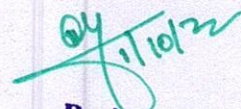
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	30	39
	pH	6.5-8.2	7.8	7.8
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	8 ppm	8 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Registrar  
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Indore (M.P.)

Report: In-house Pathology Lab

Date: 6/5/2018

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

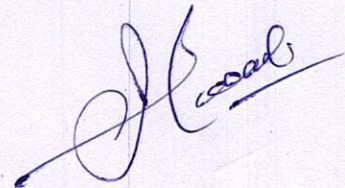
Location / Source-1: Dialysis - B1

Location / Source-2: Dialysis B2

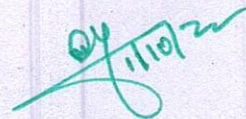
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	35	40
	pH	6.5-8.2	6.8	6.9
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		97ppm	98ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date:- 12/3/2019

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

Location / Source-1: Dialysis B-5

Location / Source-2: Dialysis B-7

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	45	47
	pH	6.5-8.2	6.9	7.0
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		8.6ppm	8.1ppm

Note: (I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 07/07/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

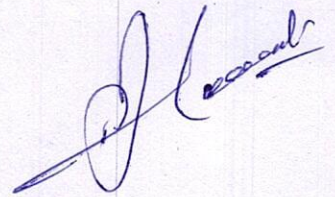
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Location / Source-2: Diyas R.

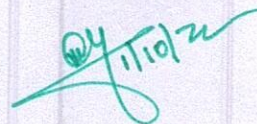
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	43	45
	pH	6.5-8.2	6.2	7.3
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	7 ppm	7 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)



Report: In-house Pathology Lab

Date: 10/07/2020

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

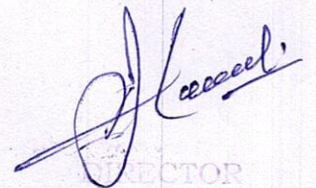
Location / Source-1: R.O. Tank

Location / Source-2: R.O. Tank

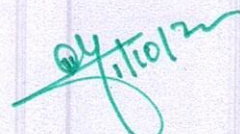
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	37	37
	pH	6.5-8.2	6	6
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	82 ppm	83 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 15/06/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

Location / Source-1: R.O. Tank

Location / Source-2: R.O. Tank

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	35	35
	pH	6.5-8.2	7	7
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		80 ppm	80 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Report: In-house Pathology Lab

Date: 20/05/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R. O. Water - Data Collection

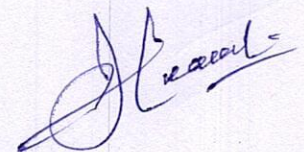
Location / Source-1: R.O. Tank.

Location / Source-2: R.O. Tank.

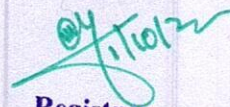
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	38	38
	pH	6.5-8.2	7	7
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment: 1-10 ppm Drinking: 80-150 ppm	50 ppm	80 ppm

Note: (I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 07/04/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore.

### R . O. Water - Data Collection

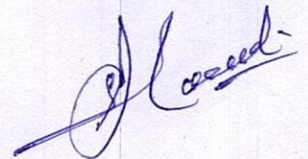
Location / Source-1: R.O. Tank.

Location / Source-2: R.O. Tank.

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	37	37
	pH	6.5-8.2	6	6
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment: 1-10 ppm Drinking: 80-150 ppm	77 ppm	77 ppm

Note: ( i.e. how was water collected, notes on appearance, etc.)

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04/11/22  
Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 13/02/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

Location / Source-1: R.O Tank

Location / Source-2: R.O. Tank

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm		
	pH	6.5-8.2	36	36
	Copper	<0.03ppm	5	5
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	78ppm	98ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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& RESEARCH CENTRE

*[Signature]*  
11/02/22  
Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 05/02/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

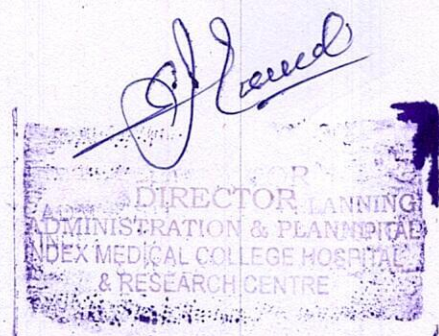
Location / Source-1: R. O. Tank,

Location / Source-2: R. O. Tank

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	30	30
	pH	6.5-8.2	6	6
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	70, ppm	70, ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

DEPT. OF PATHOLOGY  
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*04/1/2021*

Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 12/01/2018

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

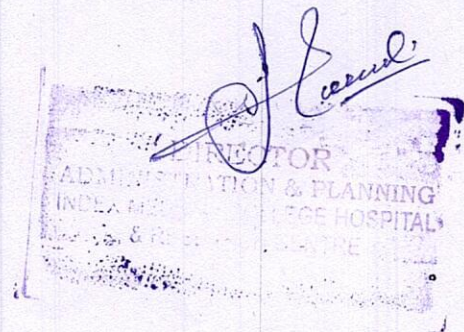
Location / Source-1: R.O. Tank

Location / Source-2: R.O. Tank

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	40	40
	pH	6.5-8.2	7	7
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	80ppm	80ppm

Note: (I.e. how was water collected, notes on appearance, etc.)

DEPT. OF PATHOLOGY  
INDEX MEDICAL COLLEGE HOSPITAL



*By Jitendra*

Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 27/11/2023

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R. O. Water - Data Collection

Location / Source-1: Drinking water  
Tank. 01

Location / Source-2: Drinking water  
Tank - 02

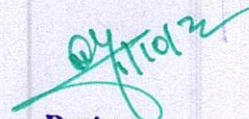
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	43.	43.
	pH	6.5-8.2	6.	6.
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	87 ppm.	87 ppm.

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)



Report: In-house Pathology Lab

Date: 08/02/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

Location / Source-1: Drinking water Tank

Location / Source-2: Drinking water Tank

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	36.	37
	pH	6.5-8.2	7.3.	7.3.
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	83.PPM.	83PPM.

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 07/03/2020

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R. O. Water - Data Collection

Location / Source-1: Drinking water  
Tank - 02

Location / Source-2: Drinking water  
Tank - 02

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	02	35
	pH	6.5-8.2	7.0	7.7
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	7.9 ppm	7.9 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 21/11/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R. O. Water - Data Collection

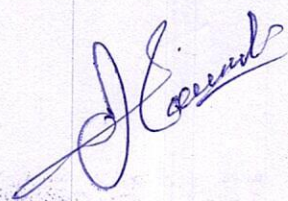
Location / Source-1: Drinking water  
Tank - 01

Location / Source-2: Drinking water  
Tank - 02

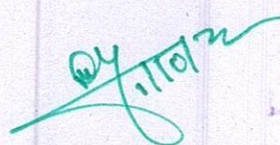
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	37	38
	pH	6.5-8.2		
	Copper	<0.03ppm	0.2	0.2
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	70 ppm	70 ppm

Note: (I.e. how was water collected, notes on appearance, etc.)

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Indore (M.P.)

Report: In-house Pathology Lab

Date: 10/03/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R. O. Water - Data Collection

Location / Source-1: Drinking Water  
Tank-1

Location / Source-2: Drinking Water  
Tank-2

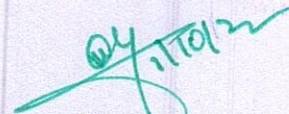
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	40	40
	pH	6.5-8.2	8	8
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		90 ppm	90 ppm

Note: (I.e. how was water collected, notes on appearance, etc.)

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Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 05/04/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudaii, Indore

### R . O. Water - Data Collection

Location / Source-1: Drinking water  
Tap water

Location / Source-2: Drinking water  
Tap water

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm		
	pH	6.5-8.2	9.1	9.1
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	86 ppm	82 ppm

Note: ( i.e. how was water collected, notes on appearance, etc.)

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Index Medical College, Hospital and Research Center

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*[Handwritten Signature]*  
Registrar  
Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 7/01/2023

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R. O. Water - Data Collection

Location / Source-1: Drinking Water  
3rd, 5th

Location / Source-2: Drinking Water  
2nd floor

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	4.5	4.5
	pH	6.5-8.2	6.9	6.9
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		85 (ppm)	95 (ppm)

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Malwanchal University  
Indore (M.P.)

Report: In-house Pathology Lab

Date: 5/01/2022

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

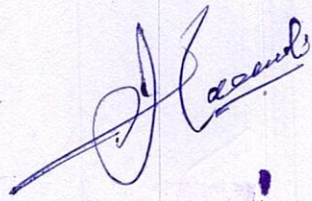
Location / Source-1: Drinking water  
F1

Location / Source-2: Drinking water  
F2

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	4.5	4.5
	pH	6.5-8.2	6.5	6.5
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		800ppm	700ppm

Note: ( i.e. how was water collected, notes on appearance, etc.)

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Index Medical College Hospital & Research Centre



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*By Jitendra*  
**Registrar  
Malwanchal University  
Indore (M.P.)**

Report: In-house Pathology Lab

Date: 6/01/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudail, Indore

### R . O. Water - Data Collection

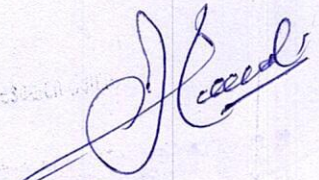
Location / Source-1: Drinking Water

Location / Source-2: Drinking Water

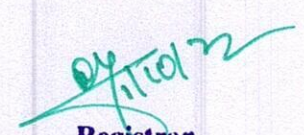
S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm	35	36
	pH	6.5-8.2	6.9	6.9
	Copper	<0.03ppm		
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)		85 ppm	95 ppm

Note: ( I.e. how was water collected, notes on appearance, etc.)

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Registrar  
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Report: In-house Pathology Lab

Date: 02/02/2021

Name: - Index Medical College, Hospital and Research Center, Village Khudali, Indore

### R . O. Water - Data Collection

Location / Source-1: Drinking water

Location / Source-2: Drinking water

S.No.	Parameter	Normal Range	Test Site 1	Test Site 2
	Hardness	5-50ppm		
	pH	6.5-8.2	7.3	7.3
	Copper	<0.03ppm	7.8	7.8
	Iron	<0.2ppm		
	Phosphate	<0.03ppm		
	Chlorine	<0.5ppm		
	Ammonia	<1ppm		
	Chromium	<0.5ppm		
	TDS (Total Dissolved Solids)	Equipment : 1-10 ppm Drinking : 80-150 ppm	34 ppm	84 ppm

Note: ( i.e. how was water collected, notes on appearance, etc.)

DEPT. OF PATHOLOGY  
Index Medical College Hospital & Research Centre

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04/1/2021

Registrar  
Malwanchal University  
Indore (M.P.)