

## **Academic Year 2022-23**

### **6.3**

## **Water Usage and Care**

### **6.3.2 Preventing Water System Pollution**

**MRIIRS Weblink to SDG 6:**

**<https://mriirs.edu.in/sdg06-clean-water-and-sanitation/>**

### Prevention of Water System Pollution

MRIIRS is extracting groundwater from three tube wells in the campus. The well head protection measures have been adopted in the campus.

- All the TWs are secured from accidental and incidental pollution by **properly covering the wells.**
- Further, prevention of pollution is also ensured through **regular and scheduled cleaning of Over Head Tanks and Water Coolers and maintenance of RO systems.**
- To ensure the extracted water quality, **water quality testing** is done at regular interval.

As evidence in support to 6.3.2, the following documents have been provided:

- ✓ **Geotagged photographs** of well head protection
- ✓ **Sample cleaning records** of Water Coolers and PVC Tanks as maintained on MIS: **Annexure Ia**
- ✓ Invoices of cleaning and chemical treatment of underground and overhead tanks: **Annexure Ib**
- ✓ Water testing certificates: **Annexure-Ic**

All the data are available in public domain through web site of MRIIRS.

# **Geotagged Pictures of Covered Tube Wells**

## SDG 6- CLEAN WATER AND SANITATION



The details of three tube wells are as provided below:

1. Tubewell-1: Location- A Block
2. Tubewell-2: Location- Football ground
3. Tubewell-3: Location- Girls Hostel

The geotagged pictures of **three completely covered tube wells** are as provided below:



Tubewell Specifications - A Block

Latitude: 28.451204677767913, Longitude: 77.28392460046731  
28°27'04.4"N 77°17'02.2"E



Tubewell- A Block

Latitude: 28.4512046594725, Longitude: 77.2839296506137  
28°27'04.4"N 77°17'02.2"E

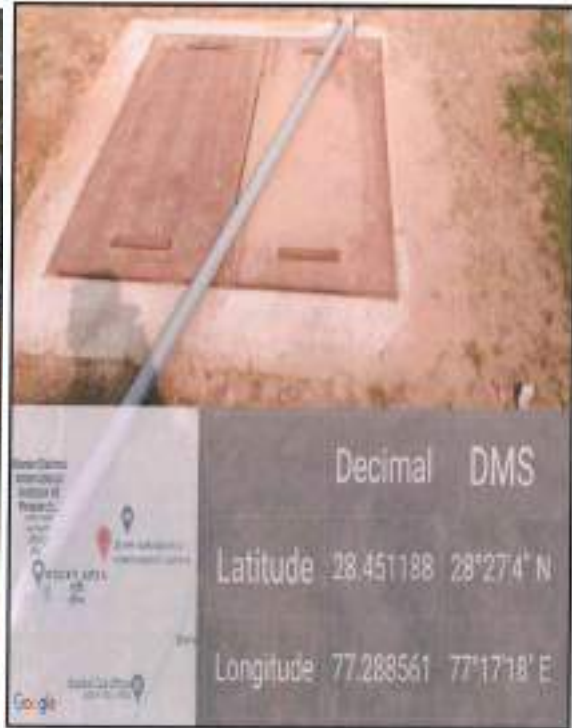
### Tubewell-1: Location- A Block



Latitude: 28.45114882468702  
Longitude: 77.28833329673434

**Tubewell Specifications Football Ground**

Latitude: 28.45114882468702, Longitude: 77.28833329673434  
28°27'04.1"W 77°17'18.0"E



Decimal	DMS
Latitude: 28.451188	28°27'4" N
Longitude: 77.288561	77°17'18" E

**Tubewell - Football Ground**

Latitude: 28.451188, Longitude: 77.288561  
28°27'04.0"W 77°17'18.0"E

**Tubewell-2: Location- Football ground**



Latitude: 28.45096437424463  
Longitude: 77.2890635120347

**Tubewell Specifications - Girls Hostel**

Latitude: 28.45096437424463 Longitude: 77.2890635120347  
28°27'03.5"N 77°17'38.6"E



Latitude: 28.45096437424463  
Longitude: 77.2890635120347

**Tubewell - Girls Hostel**

Latitude: 28.45096437424463, Longitude: 77.2890635120347  
28°27'03.5"N 77°17'38.6"E

**Tubewell-3: Location- Girls Hostel**

**Annexure Ia****Sample Cleaning and Maintenance Records  
(Month-March and April 2023) of Water Coolers  
and PVC Tanks as imported from MIS**

<b>Blocks</b>	<b>Description</b>
A	School of Engineering and Technology (SET)
B	School of Behavioral and Social Sciences (SBSS) & IT Cell
C	School of Engineering and Technology (SET) & School of Computer Applications (SCA)
D	Dean Student Welfare- Office and facility
E	School of Design (SoD) & Admission Cell
F	School of Media and Humanities (SMeH) & Ground floor Administrative Offices
T	School of Leadership and Management (SLM), School of Culinary and Hotel Management (SCHM) & School of Commerce (SoC)
Q	School of Dental Sciences (SDS)
N and O	Boys Hostels
R	Staff Quarters
S	Girls Hostel

**DETAILS OF MRIIRS CAMPUS WATER COOLERS / PVC TANKS CLEANING STATUS (BUILDING WISE)**

	FREQUENCY OF CLEANING	A' BLOCK				B' BLOCK				C' BLOCK			
		ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE
<b>WATER COOLERS</b>	2 MONTHS	AWC-1	150 LTR	Apr-23	Jun-23	BWC-1	150 LTR	Apr-23	Jun-23	CWC-1	150 LTR	Apr-23	Jun-23
		AWC-2	150 LTR	Apr-23	Jun-23	BWC-2	150 LTR	Apr-23	Jun-23	CWC-2	150 LTR	Apr-23	Jun-23
		AWC-3	150 LTR	Apr-23	Jun-23	BWC-3	150 LTR	Apr-23	Jun-23	CWC-3	150 LTR	Apr-23	Jun-23
		AWC-4	150 LTR	Apr-23	Jun-23								
		AWC-5	150 LTR	Apr-23	Jun-23								
		AWC-6	150 LTR	Apr-23	Jun-23								
<b>PVC OVERHEAD DRINKING WATER TANKS</b>	6 MONTHS	ADWT-1	1000 LTR	Mar-23	Sep-23	BDWT-1	1000 LTR	Mar-23	Sep-23	CDWT-1	2000 LTR	Mar-23	Sep-23
		ADWT-2	1000 LTR	Mar-23	Sep-23					CDWT-2	2000 LTR	Mar-23	Sep-23
		ADWT-3	2000 LTR	Mar-23	Sep-23								
		ADWT-4	2000 LTR	Mar-23	Sep-23								
<b>PVC OVERHEAD RAW WATER TANKS</b>	6 MONTHS	ARWT-1	1000 LTR	Mar-23	Sep-23	BRWT-1	1000 LTR	Mar-23	Sep-23	CRWT-1	5000 LTR	Mar-23	Sep-23
		ARWT-2	1000 LTR	Mar-23	Sep-23	BRWT-2	1000 LTR	Mar-23	Sep-23	CRWT-2	5000 LTR	Mar-23	Sep-23
		ARWT-3	1000 LTR	Mar-23	Sep-23	BRWT-3	2000 LTR	Mar-23	Sep-23				
		ARWT-4	1000 LTR	Mar-23	Sep-23								
		ARWT-5	1000 LTR	Mar-23	Sep-23								
		ARWT-6	1000 LTR	Mar-23	Sep-23								
		ARWT-7	1000 LTR	Mar-23	Sep-23								
		ARWT-8	1000 LTR	Mar-23	Sep-23								
		ARWT-9	5000 LTR	Mar-23	Sep-23								
		ARWT-10	5000 LTR	Mar-23	Sep-23								
		ARWT-11	5000 LTR	Mar-23	Sep-23								
		ARWT-12	2000 LTR	Mar-23	Sep-23								

	FREQUENCY OF CLEANING	D' BLOCK				E' BLOCK				F' BLOCK			
		ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE
<b>WATER COOLERS</b>	2 MONTHS	DWC-1	150 LTR	Apr-23	Jun-23	EWC-1	150 LTR	Apr-23	Jun-23	FWC-1	150 LTR	Apr-23	Jun-23
						EWC-1	150 LTR	Apr-23	Jun-23	FWC-2	150 LTR	Apr-23	Jun-23
										FWC-3	150 LTR	Apr-23	Jun-23
<b>PVC OVERHEAD DRINKING WATER TANKS</b>	6 MONTHS									FDWT-1	1000 LTR	Mar-23	Sep-23
										FDWT-2	1000 LTR	Mar-23	Sep-23
<b>PVC OVERHEAD RAW WATER TANKS</b>	6 MONTHS					ERWT-1	4000 LTR	Mar-23	Sep-23	FRWT-1	4000 LTR	Mar-23	Sep-23
						ERWT-2	4000 LTR	Mar-23	Sep-23	FRWT-2	4000 LTR	Mar-23	Sep-23
										FRWT-3	4000 LTR	Mar-23	Sep-23

**DETAILS OF MRIU CAMPUS WATER COOLERS / PVC TANKS CLEANING STATUS (BUILDING WISE)**

	FREQUENCY OF CLEANING	N' BLOCK				BOYS HOSTEL ('O' BLOCK)				MRDC ('Q' BLOCK)				STAFF QUARTER ('R' BLOCK)			
		ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE	ID NO.	CAPACITY	CLEANED ON	NEXT DUE
<b>WATER COOLERS</b>	2 MONTHS	NWC-1	150 LTR	Apr-23	Jun-23	OWC-1	150 LTR	Apr-23	Jun-23	QWC-1	150 LTR	Apr-23	Jun-23				
						OWC-2	150 LTR	Apr-23	Jun-23	QWC-2	150 LTR	Apr-23	Jun-23				
						OWC-3				QWC-3	150 LTR	Apr-23	Jun-23				
										QWC-4	150 LTR	Apr-23	Jun-23				
<b>PVC OVERHEAD DRINKING WATER TANKS</b>	6 MONTHS	NDWT-1	1000 LTR	Mar-23	Sep-23	ODWT-1	1000 LTR	Mar-23	Sep-23	QDWT-1	1000 LTR	Mar-23	Sep-23				
										QDWT-2	1000 LTR	Mar-23	Sep-23				
										QDWT-3	2000 LTR	Mar-23	Sep-23				
										QDWT-4	2000 LTR	Mar-23	Sep-23				
										QDWT-5	2000 LTR	Mar-23	Sep-23				
										QDWT-6	2000 LTR	Mar-23	Sep-23				
<b>PVC OVERHEAD RAW WATER TANKS</b>	6 MONTHS	NRWT-1	1000 LTR	Mar-23	Sep-23	ORWT-1	1000 LTR	Mar-23	Sep-23	QRWT-1	2000 LTR	Mar-23	Sep-23	RRWT-1	5000 LTR	Mar-23	Sep-23
		NRWT-2	1000 LTR	Mar-23	Sep-23	ORWT-2	1000 LTR	Mar-23	Sep-23	QRWT-2	5000 LTR	Mar-23	Sep-23	RRWT-2	5000 LTR	Mar-23	Sep-23
		NRWT-3	1000 LTR	Mar-23	Sep-23	ORWT-3	1000 LTR	Mar-23	Sep-23	QRWT-3	5000 LTR	Mar-23	Sep-23				
		NRWT-4	2000 LTR	Mar-23	Sep-23					QRWT-4	5000 LTR	Mar-23	Sep-23				
		NRWT-5	2000 LTR	Mar-23	Sep-23					QRWT-5	5000 LTR	Mar-23	Sep-23				
										QRWT-6	5000 LTR	Mar-23	Sep-23				
										QRWT-7	5000 LTR	Mar-23	Sep-23				

	FREQUENCY OF CLEANING	GIRLS HOSTEL ('S' BLOCK)			
		ID NO.	CAPACITY	CLEANED ON	NEXT DUE
<b>WATER COOLERS</b>	2 MONTHS	SWC-1	150 LTR	Apr-23	Jun-23
		SWC-2	150 LTR	Apr-23	Jun-23
		SWC-3	150 LTR	Apr-23	Jun-23
		SWC-4	150 LTR	Apr-23	Jun-23
<b>PVC OVERHEAD DRINKING WATER TANKS</b>	6 MONTHS	SDWT-1	1000 LTR	Mar-23	Sep-23
		SDWT-1	1000 LTR	Mar-23	Sep-23
<b>PVC OVERHEAD RAW WATER TANKS</b>	6 MONTHS	SRWT-1	5000 LTR	Mar-23	Sep-23
		SRWT-2	5000 LTR	Mar-23	Sep-23
		SRWT-3	5000 LTR	Mar-23	Sep-23
		SRWT-4	5000 LTR	Mar-23	Sep-23

	FREQUENCY OF CLEANING	GIRLS HOSTEL ('720 /21A)			
		ID NO.	CAPACITY	CLEANED ON	NEXT DUE
<b>WATER COOLERS</b>	2 MONTHS		200 LTR	Apr-23	Jun-23
			100 LTR	Apr-23	Jun-23
			100 LTR	Apr-23	Jun-23
			100 LTR	Apr-23	Jun-23
<b>PVC OVERHEAD DRINKING WATER TANKS</b>	6 MONTHS	720	1000 L(6)	Mar-23	Sep-23



**Annexure Ib**

**Invoices of cleaning and chemical treatment  
of  
Tube Wells**

No. 06BBQPS9007M2ZV

TAX INVOICE

M: 9810474087

**GANGOTRI PURIFIERS**

Regd. Office : Plot No. 403, Gate No. 3, Sector-46, Faridabad - 121001 (Hr.)

- Original for Buyer  
 Duplicate for Transporter  
 Triplicate for Assessee

Invoice Serial No. : 241 Invoice Date : 31/10/22 Transportation Mode : .....  
 State : Haryana, State Code : 06 Veh. No. ....  
 Reverse Charge : (Yes/No) Date & Time of Supply : .....  
 Place of Supply : ..... Party P.O. ....

**Detail of Receiver / Consignee**  
 Name MRIIRS  
 Address Surya Kund Road,  
Sec-43, FBD.  
 GSTIN 06AADTM729E1ZD State HR State Code 06

S. No.	Description of Goods	HSN Code (GST)	Qty	Rate As per Item	Unit	Taxable Value	
						Rs.	P
1)	Cleaning and Chemical Treatment of underground and of water storage tanks -	999 412	-	18,620/-	-	18,620	00

Bill verified  
 Rs- 21972/-  
 15/11/22

9/11/22

Invoice Value (in word) <u>Rs. twenty one thousand nine hundred seventy one and paise sixty only -</u>	Total	18,620-00
	Freight Charges	-
	CGST 9%	1,675-80
	SGST 9%	1,675-80
	IGST %	-
	Round Off	2,1971-60
	Invoice Total	21,971-60

**Term & Conditions:**  
 1. Please pay by Payment A/C Cheque / DD only. 2. All disputes subject to Faridabad jurisdiction Only.  
 3. If payment is not made within 15 days interest @ 24% per annum will be charged.

E & O.E.  
 Received the above goods in good conditions :  
 Customer's Signature \_\_\_\_\_ Checked by \_\_\_\_\_  
 For Gangotri Purifiers \_\_\_\_\_  
 Authorised Signatory \_\_\_\_\_

N No. 06BBQPS9007M2ZV

TAX INVOICE

M: 9810474087

# GANGOTRI PURIFIERS

Regd. Office : Plot No. 403, Gate No. 3, Sector-46, Faridabad - 121001 (Hr.)

- Original for Buyer
- Duplicate for Transporter
- Duplicate for Assessee

Invoice Serial No. : 249      Invoice Date : 16/12/22      Transportation Mode :  
 State : Haryana,      State Code : 06      Veh. No. :  
 Reverse Charge : (Yes/No)      Date & Time of Supply :  
 Place of Supply :      Party P.O. :

**Detail of Receiver / Consignee**

Name : **MRIIRS**  
 Address : **Sec-43, Sukraj Kund Road, Faridabad**  
 GSTIN :      State : **HR**      State Code : **06**

S. No.	Description of Goods	HSN Code (GST)	Qty	Rate As per Item	Unit	Taxable Value	
						Rs.	P
1)	Clearing and chemical treatment of underground and of water storage tanks — <i>List of tank details attached</i>	999 412	—	—	—	35,401	76 C
<i>Dr. V. Jaiswal</i> <i>Dr. 11/74/2022</i>							

Invoice Value (in word) <b>Forty one thousand seven hundred seventy four and paise eight only</b>	Total	35,401-76 C
	Freight Charges	—
	CGST...%	3,186-16 C
	SGST...%	3,186-16 C
	IGST...%	—
	Round Off	41,774-08 C
	Invoice Total	41,774-08 C

*Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.*

**Term & Conditions:**  
 1. Please pay by Payment A/C Cheque / DD only.      2. All disputes subject to Faridabad jurisdiction Only.  
 3. If payment is not made within 15 days interest @ 24% per annum will charged.

E & O.E.  
 Received the above goods in good conditions :  
 Customer's Signature      Checked by      For Gangotri Purifiers      Authorised Signatory

No. 06BBQPS9007M2ZV

TAX INVOICE

M: 9810474087

# GANGOTRI PURIFIERS

Regd. Office : Plot No. 403, Gate No. 3, Sector-46, Faridabad - 121001 (Hr.)

- Original for Buyer  
 Duplicate for Transporter  
 Triplicate for Assessee

Invoice Serial No. : **252** Invoice Date : **16/12/22** Transportation Mode : .....  
 State : Haryana, State Code : 06 Veh. No. ....  
 Reverse Charge : (Yes/No) Date & Time of Supply : .....  
 Place of Supply : ..... Party P.O. ....

## Detail of Receiver / Consignee

Name : **MR IIRS**  
 Address : **Sec-43, Sukaj Kund Road**  
 GSTIN : ..... State : ..... State Code : .....

S. No.	Description of Goods	HSN Code (GST)	Qty	Rate As per Item	Unit	Taxable Value	
						Rs.	P
1)	Cleaning and chemical treatment of underground and of water storage tanks — at 721 A, LC-21A	999 412	2	500.00	-	1000	00
1)	5 KL of tank —			350.00	-	350	00
2)	2 KL " "			40	-	353	
3)	Underground tank — (1.522X 2.487X 2.335) mts			900.00	-	900	00
						1703	

Invoice Value (in word) <b>Rs. 2010/- only</b>	Total	2250.00
<b>fifty five only</b>	Freight Charges	103.27
	CGST 9%	202.50
	SGST 9%	202.50
	IGST.....%	000.54
	Round Off	2655.00
	Invoice Total	2655.00

Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

## Term &amp; Conditions:

- Please pay by Payment A/C Cheque / DD only.
- All disputes subject to Faridabad jurisdiction Only.
- If payment is not made within 15 days interest @ 24% per annum will be charged.

E &amp; O.E.

Received the above goods in good conditions :

Customer's Signature

Checked by

For Gangotri Purifiers

Authorised Signatory

A : 06BBQPS9007M2ZV

Tax Invoice

Mob. : 9810474087

**GANGOTRI PURIFIERS**

Regd. Office : Plot No. 403, Gali No. 3, Sector-46, Faridabad-121001 (Hr.)

Original for Buyer  
Duplicate for Transporter  
Tripartite for AssessorState : Haryana  
State Code : 06Invoice Serial No. : **253**

Transportation Mode : .....

State : Haryana

Invoice Date : 17/04/23

Veh. No. : .....

Date of Time of Supply : .....

Reverse Charge : (Yes / No.) State Code : 06

Place of Supply : ..... Party P.O.....

Name : PRIORS (Mount View Apartment - Sec-45)  
Suryaj Kund Road, Sec - 43, FRO.GSTIN 06AADTM7279E1D State HR State Code 06

S. No.	Description of Goods	HSN/SAC Code	Qty.	Unit	Rate As per Item	Taxable Amount Rs. P.
1)	Cleaning of water tanks -	999			0.04	
i)	Underground tanks -	412	1100	Litre	40.00	4,000.00
ii)	Overhead RCC tanks		1 NO	(25KL)	1500.00	1,500.00
iii)	Overhead PVE tanks -		9		350.00	3,150.00
iv)	" PVE 2KL -				250.00	250.00
v)	" PVE 1KL -					

OK checked  
Prabhu

Bill verified  
Pr 10502  
19/4/23

Rupees in words Ten thousand five hundred two only Total 8900.00

Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

## Terms &amp; Condition

- Please pay the payment A/c Cheque / DD Only.
- All disputes subject to Faridabad Jurisdiction only.
- If payment is not made with 15 days interest @ 24% per annum will charged.

## E. &amp; O.E.

Received the above goods in good Conditions.

Freight Charge	-
CGST.....9...%	801.00
SGST.....9...%	801.00
IGST.....%	-
Round Off	10,502.00
Invoice Total	10,502.00

For Gangotri Purifiers

Authorized Signatory

Customer's Signature

Checked by

## **Annexure Ic**

# **Water Testing Certificates**



A Block

SWTD/F/GEN/05(REV.02)

# STAR WIRE (INDIA) LTD. (TESTING DIVISION)

## TEST REPORT

No. 019069

Issue Date : 17.06.2023

Issued To : MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES  
SECTOR-43, ARRAVLI HILLS, DELHI  
SURAJ KUND ROAD, FARIDABAD (HR)  
Sample Particulars :

21/4, MATHURA ROAD, BALLABGARH-121 004 (HR.)  
TELEPHONE : 0129-4094247, 4094200  
4094280, 2241263  
E-MAIL : swdc06@starwire.in  
VISIT US AT : www.starwire.in

Request No./Date : NIL  
Date of sample Receipt : 07.06.2023  
Sample drawn by : 07.06.2023  
CUSTOMER  
Job order no. : 43441301  
ULR NO. :

SAMPLE OF RO WATER (DRINKING PURPOSE)

CHEMICAL TESTING	:	WATER
DATE OF TESTING	:	07.06.2023 TO 13.06.2023

S.NO.	TEST PARAMETER	UNIT	RESULTS	SPEC. (Max.) AS PER IS:10500 -2012		PROTOCOL, REF. TO PART OF IS 3025
				Acceptable	Permissible	
<b>C</b>	<b>Toxic substances Tests</b>					
1	Taste	--	Agreeable	Agreeable	Agreeable	Part-7 & 8-1984(RA.2017)
<b>D</b>	<b>Bacteriological Tests</b>					
2	Total Coliform Bacteria	MPN / 100 ml	N.D.	Not detectable / 100 ml		IS: 1622--1981(RA.2019)
3	E. Coli	MPN / 100 ml	N.D.	Not detectable / 100 ml		IS: 1622--1981(RA.2019)

Remarks:- The sample conforms to IS:10500 - 2012 (Acceptable) w.r.t. above test parameters only

Note - It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternate source but up to the limits indicated under 'Permissible limit' in the absence of alternate source in the 'permissible limits' above which the sources will have to be rejected.  
Conformation limit for chlorine is applicable when water is chlorinated.

\*\* END OF REPORT \*\*

AUTHORISED SIGNATORY

- Note
1. Sample will be retained only for one month. (15 days in case of water and air samples).
  2. The results listed refer only to the tested sample and applicable parameters. Endorsement of product is neither inferred nor implied.
  3. Total liability of our works is limited to invoiced amount.
  4. This report can not used as an evidence in a court of law without the written approval of the lab.
  5. Report shall not be reproduced except in full, without the written approval of the laboratory.
  6. Any sort of play by the customer with the data of this report shall be illegal.
- Contact No. : 8376908276, 8376908204, 9313511396, 8376900334, 8376900330



A Block

SWTD/F/GEN/05(REV.02)

# STAR WIRE (INDIA) LTD. (TESTING DIVISION)

## TEST REPORT

No. 082456

Issue Date : 17.06.2023

Issued To : MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES  
SECTOR-43, ARRAVLI HILLS, DELHI  
SURAJ KUND ROAD, FARIDABAD (HR)

Sample Particulars :

SAMPLE OF RO WATER (DRINKING PURPOSE)

21/4, MATHURA ROAD, BALLABGARH-121 004 (HR.)  
TELEPHONE : 0129-4094247, 4094200  
4094280, 2241263

E-MAIL : swdc06@starwire.in  
VISIT US AT : www.starwire.in

Request No./Date : NIL

Date of sample Receipt : 07.06.2023

Sample drawn by : CUSTOMER

Job order no. : 43441301

ULR NO. : TC516423000011581F

CHEMICAL TESTING	:	WATER
DATE OF TESTING	:	07.06.2023 TO 13.06.2023

Sl.No.	Test Parameter	Units	Results	Spec. (Max.) As Per IS:10500 -2012		Protocol Ref. to part of IS 3025
				Acceptable	Permissible	
<b>A Organoleptic &amp; Physical Tests</b>						
1	Colour	Hazen	<5.0	5	15	Part - 4-2021
2	Odour	N.A	Agreeable	Agreeable	Agreeable	Part -5-2018
3	pH Value at 25°C	N.A	6.75	6.5 - 8.5	No Relaxation	Part - 11-2022
4	Turbidity	NTU	<1.0	1	5	Part - 10-1984(RA:2022)
5	Total Dissolved Solids at 105°C	mg/l	146.0	500	2000	Part - 16-1984(RA:2022)
<b>B General Test Parameters</b>						
6	Chloride as Cl	mg/l	26.0	250	1000	Part - 32-1988(RA:2019)
7	Fluoride as F	mg/l	0.08	1	1.5	APHA 4500 F 4-82:2012
8	Iron as Fe	mg/l	<0.05	0.3	No Relaxation	Part - 53-2003(RA:2019)
9	Total Hardness as CaCO <sub>3</sub>	mg/l	49.0	200	600	Part - 21-2009(RA:2019)

Remarks:- The sample conforms to IS:10500 - 2012 w.r.t. (Acceptable) above test parameters only.

Note:- It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'Permissible limit' in the absence of alternate source in the permissible limits' above which the sources will have to be rejected.

\*\* END OF REPORT \*\*

  
**AUTHORISED SIGNATORY**

- Note**
1. Sample will be retained only for one month. (15 days in case of water and air samples).
  2. The results listed refer only to the tested sample and applicable parameters. Endorsement of product is neither inferred nor implied.
  3. Total liability of our works is limited to invoiced amount.
  4. This report can not used as an evidence in a court of law without the written approval of the lab.
  5. Report shall not be reproduced except in full, without the written approval of the laboratory.
  6. Any sort of play by the customer with the data of this report shall be illegal.

Contact No. : 8376908276, 8376908204, 9313511396, 8376900334, 8376900330



**TEST REPORT**
**No.078173**

Issue Date : 24.04.2023

 Issued To : **MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES**  
 SECTOR-43, ARRAVLI HILLS, DELHI  
 SURAJ KUND ROAD, FARIDABAD (HR)

Sample Particulars :

SAMPLE OF RO WATER (DRINKING PURPOSE)

*H Blak*
**STAR WIRE (INDIA) LTD.**  
**(TESTING DIVISION)**

 21/4, MATHURA ROAD, BALLABGARH-121 004 (HR.)  
 TELEPHONE : 0129-4094247, 4094200  
 4094280, 2241263

 E-MAIL : swdc06@starwire.in  
 VISIT US AT : www.starwire.in

 Request No./Date : NIL  
 Date of sample Receipt : 15.04.2023  
 15.04.2023  
 Sample drawn by : CUSTOMER  
 Job order no. : 43339803  
 ULR NO. : TC516423000007686F

CHEMICAL TESTING	:	WATER
DATE OF TESTING	:	15.04.2023 TO 21.04.2023

Sl.No.	Test Parameter	Units	Results	Spec. (Max.) As Per IS:10500 -2012		Protocol, Ref. to part of IS 3025
				Acceptable	Permissible	
<b>A Organoleptic &amp; Physical Tests</b>						
1	Colour	Hazen	<5.0	5	15	Part - 4-2021
2	Odour	N.A	Agreeable	Agreeable	Agreeable	Part -5-2018
3	pH Value at 25°C	N.A	6.79	6.5 - 8.5	No Relaxation	Part - 11-2022
4	Turbidity	NTU	<1.0	1	5	Part - 10-1984(RA:2022)
5	Total Dissolved Solids at 105°C	mg/l	138.0	500	2000	Part - 16-1984(RA:2022)
<b>B General Test Parameters</b>						
6	Chloride as Cl	mg/l	22.0	250	1000	Part - 32-1988(RA:2019)
7	Fluoride as F	mg/l	0.07	1	1.5	APHA 4500 F 4-82-2012
8	Iron as Fe	mg/l	<0.05	0.3	No Relaxation	Part - 53-2003(RA:2019)
9	Total Hardness as CaCO <sub>3</sub>	mg/l	49.0	200	600	Part - 21-2009(RA:2019)

Remarks:- The sample conforms to IS:10500 - 2012 w.r.t. (Acceptable) above test parameters only.

Note:- It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'Permissible limit' in the absence of alternate source in the permissible limits' above which the sources will have to be rejected.

**\*\* END OF REPORT \*\***

  
**AUTHORISED SIGNATORY**

**TEST REPORT**No. **018343**

Issue Date : 24.04.2023

Issued To : MANAV RACHNA INTERNATIONAL INSTITUTE OF  
RESEARCH AND STUDIES  
SECTOR-43, ARRAVLI HILLS, DELHI  
SURAJ KUND ROAD, FARIDABAD (HR)

Sample Particulars :

SAMPLE OF RO WATER (DRINKING PURPOSE)

H Block

**STAR WIRE (INDIA) LTD.  
(TESTING DIVISION)**

21/4, MATHURA ROAD, BALLABGARH-121 004 (HR.)

TELEPHONE : 0129-4094247, 4094200  
4094280, 2241263

E-MAIL : swdc06@starwire.in

VISIT US AT : www.starwire.in

Request No./Date : NIL

Date of sample Receipt : 15.04.2023

15.04.2023

Sample drawn by : CUSTOMER

Job order no. : 43339803

ULR NO. : TC5164230000076

CHEMICAL TESTING	:	WATER
DATE OF TESTING	:	15.04.2023 TO 21.04.2023

S.NO.	TEST PARAMETER	UNIT	RESULTS	SPEC. (Max.) AS PER IS:10500 -2012		PROTOCOL, REF. TO PART OF IS 3025
				Acceptable	Permissible	
<b>C</b>	<b>Toxic substances Tests</b>					
1	Taste	--	Agreeable	Agreeable	Agreeable	Part-7 & 8-1984(RA:2017)
<b>D</b>	<b>Bacteriological Tests</b>					
2	Total Coliform Bacteria	MPN / 100 ml	N.D.	Not detectable / 100 ml		IS: 1622-1981(RA:2019)
3	E. Coli	MPN / 100 ml	N.D.	Not detectable / 100 ml		IS: 1622-1981(RA:2019)

Remarks:- The sample conforms to IS:10500 - 2012 (Acceptable) w.r.t. above test parameters only

Note:- It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'Permissible limit' in the absence of alternate source in the 'permissible limits' above which the sources will have to be rejected.  
Conformation limit for chlorine is applicable when water is chlorinated.

\*\* END OF REPORT \*\*



**AUTHORISED SIGNATORY**

- Note
1. Sample will be retained only for one month. (15 days in case of water and air samples).
  2. The results listed refer only to the tested sample and applicable parameters. Endorsement of product is neither inferred nor implied.
  3. Total liability of our works is limited to invoiced amount.
  4. This report can not used as an evidence in a court of law without the written approval of the lab.
  5. Report shall not be reproduced except in full, without the written approval of the laboratory.
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- Contact No. : 8376908276, 8376908204, 9313511396, 8376900334, 8376900330

JAS-ANZ


**i Indus Cosmeceuticals Pvt. Ltd.**
**Formerly FDRA Labs India Pvt. Ltd.**

 ISO 9001 : 2008 (QMS) Certified  
 Estd. Since 1976

 Regd. Office : B19, Sector-7C, Faridabad.  
 CIN : U74999HR1996PTC033021  
 GSTIN No. 06AAACF2001M123  
 Office : HSIIDC No. 138-139,  
 Sector-31, Faridabad-121 003 (India)  
 Phone : 91-120-2278584, 2279087  
 E-mail : fdralabs@incosmetics.org

Ref.No.:FDRA/21165/2022

Dated:19/12/2022

## TEST CERTIFICATE

Date &amp; Time of Collection:- N.A.

Date of Receipt:17/12/2022

Collected by:- Sender

Date of Analysis:17/12/2022 to 19/12/2022

Source:- R.O.Water ( Girls Hostel )

**ISSUED TO:**

 M/S Manav Rachna International Institute  
 of Research & Studies,  
 Sector-43, Suraj Kund Road,  
 Faridabad-121001 (Haryana)

 Lab No.: 6102/W/2022  
 Your Ref.No.: NIL

**SAMPLE DESCRIPTION: A Water Sample in a Pet Bottle.**

### TEST RESULTS ( AS PER IS:10500-2012)

<u>S.NO.PARAMETERS</u>	<u>RESULTS</u>	<u>IS:REQUIREMENTS</u> <u>RELAXATION in absence</u> <u>Desirable Limits of Alternate Source</u>	
<b><u>PHYSICAL EXAMINATION</u></b>			
1. Colour	Unobjectionable	5 H.U. (Max.)	15
2. Odour	Agreeable	Agreeable	Agreeable
3. Taste	Agreeable	Agreeable	Agreeable
4. Turbidity, NTU	NIL	1Max.	5
5. pH	6.53	6.5-8.5	No Relaxation
6. Dissolved Solids (mg/l)	105mg/l	500	2000

**CHEMICAL EXAMINATION (mg/l)**

1. Total Alkalinity (as CaCO <sub>3</sub> )	27mg/l	200Max.	600
2. Chlorides (as Cl)	51mg/l	250Max.	1000
3. Total Hardness (as CaCO <sub>3</sub> )	62mg/l	200Max.	600
4. Iron (as Fe)	*BDL	0.3Max.	No Relaxation
5. Fluoride (as F)	*BDL	1.0Max.	1.5
6. Residual Free Chlorine	*BDL	0.2Min.	1.0

\*B.D.L.:- Below detectable Limits.

Chemist/Microbiologist


**Note :**

- The result listed refer only to tested parameters, Endorsement of product in neither inferred nor implied.
- Total Liabilities of our laboratory is limited to invoiced amount
- Sample will be destroyed after one month from the date of issue test certificate unless otherwise specified.
- This report is not to be reproduced wholly or in part & cannot be used in any advertising media or in any court without our special permission in writing.



**Indus Cosmeceuticals Pvt. Ltd.**

**Formerly FDRA Labs India Pvt. Ltd.**

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Office : HSIIDC No. 138-139,  
Sector-31, Faridabad-121 003 (India)  
Phone : 91-129-2278584, 2279087  
E-mail : fdralabs@incosmetics.org

Ref.No.:FDRA/21165/2022

Dated:19/12/2022

## TEST CERTIFICATE

Date & Time of Collection:- N.A.

Date of Receipt:17/12/2022

Collected by:- Sender

Date of Analysis:17/12/2022 to 19/12/2022

Source:- R.O.Water ( Girls Hostel )

### ISSUED TO:

M/S Manav Rachna International Institute  
of Research & Studies,  
Sector-43, Suraj Kund Road,  
Faridabad-121001 (Haryana)

Lab No.: 6102/W/2022  
Your Ref.No.: NIL

SAMPLE DESCRIPTION: A Water Sample in a Pet Bottle.

### BACTERIOLOGICAL EXAMINATION

#### MAX. ALLOWED AS PER

#### PARAMETERS

#### RESULTS W.H.O. Guidelines IS-10500:2012

Most Probable Number of Coliforms Organisms per 100ml. of Water.	(Absent)	3	Absent
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OPINION:- The Bacteriological analysis of the sample indicates that it is ~~Fit / Unfit /~~  
~~Repeat Sampling Required~~ for Human Consumption.

Chemist/Microbiologist



Lab-Incharge



Ref.No.:FDRA/21125/2022

Dated:07/11/2022

### TEST CERTIFICATE

Date &amp; Time of Collection:- N.A.

Date of Receipt:04/11/2022

Collected by:- Sender

Date of Analysis:04/11/2022 to 07/11/2022

Source:- R.O.Water ( T- Block )

## ISSUED TO:

M/S Manav Rachna International Institute  
of Research & Studies,  
Sector-43, Suraj Kund Road,  
Faridabad-121001 (Haryana)

Lab No.: 6101/W/2022

Your Ref.No.: NIL

SAMPLE DESCRIPTION: A Water Sample in a Pet Bottle.

### TEST RESULTS ( AS PER IS:10500-2012)

S.NO.PARAMETERS	RESULTS	IS:REQUIREMENTS RELAXATION in absence Desirable Limits of Alternate Source	
<b>PHYSICAL EXAMINATION</b>			
1. Colour	Unobjectionable	5 H.U. (Max.)	15
2. Odour	Agreeable	Agreeable	Agreeable
3. Taste	Agreeable	Agreeable	Agreeable
4. Turbidity, NTU	NIL	1Max.	5
5. pH	6.52	6.5-8.5	No Relaxation
6. Dissolved Solids (mg/l)	332mg/l	500	2000
<b>CHEMICAL EXAMINATION (mg/l)</b>			
1. Total Alkalinity (as CaCO <sub>3</sub> )	43mg/l	200Max.	600
2. Chlorides (as Cl)	63mg/l	250Max.	1000
3. Total Hardness (as CaCO <sub>3</sub> )	125mg/l	200Max.	600
4. Iron (as Fe)	*BDL	0.3Max.	No Relaxation
5. Fluoride (as F)	*BDL	1.0Max.	1.5
6. Residual Free Chlorine	*BDL	0.2Min.	1.0

\*B.D.L.- Below detectable Limits.

Chemist/Microbiologist



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by

## Note :

- The result listed refer only to tested parameters, Endorsement of product in neither inferred nor implied.
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Sector-31, Faridabad-121 003 (India)  
Phone : 91-129-2278584, 2279087  
E-mail : fdralabs@incosmetics.org

Ref.No.:FDRA/21125/2022

Dated:07/11/2022

**TEST CERTIFICATE**

Date & Time of Collection:- N.A.

Date of Receipt:04/11/2022

Collected by:- Sender

Date of Analysis:04/11/2022 to 07/11/2022

Source:- R.O.Water ( T- Block )

**ISSUED TO:**

M/S Manav Rachna International Institute  
of Research & Studies,  
Sector-43, Suraj Kund Road,  
Faridabad-121001 (Haryana)

Lab No.: 6101/W/2022

Your Ref.No.: NIL

**SAMPLE DESCRIPTION: A Water Sample in a Pet Bottle.**

**BACTERIOLOGICAL EXAMINATION**

**MAX. ALLOWED AS PER**

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>W.H.O. Guidelines</u>	<u>IS-10500:2012</u>
Most Probable Number of Coliforms Organisms per 100ml. of Water.	(Absent)	3	Absent

**OPINION:-** The Bacteriological analysis of the sample indicates that it is ~~Fit / Unfit / Repeat Sampling Required~~ for Human Consumption.

Chemist/Microbiologist



Lab-Incharge

- Note :
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JMP DC- CBH-

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Sector-31, Faridabad-121003 (India)  
Phone : 91-129-2278584, 2279687  
E-mail : fdralabs@incosmetics.org

Ref.No.:FDRA/21017/2022

Dated:03/10/2022

**TEST CERTIFICATE**

Date & Time of Collection:- N.A.  
Collected by:- Sander  
Source:- R.O.Water

Date of Receipt:30/09/2022  
Date of Analysis:30/09/2022 to 03/10/2022

ISSUED TO:

M/S Manav Rachna Dental College,  
Sector-43, Suraj Kund Road,  
Faridabad-121001 (Haryana)

Lab No.: 6097/W/2022  
Your Ref.No.: NIL

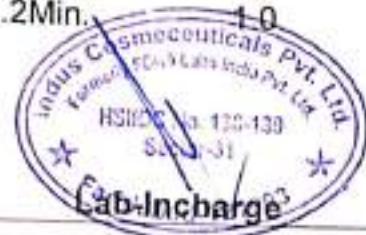
SAMPLE DESCRIPTION: A Water Sample in a Pet Bottle.

**TEST RESULTS ( AS PER IS:10500-2012)**

<u>S.NO.PARAMETERS</u>	<u>RESULTS</u>	<u>IS:REQUIREMENTS</u> <u>RELAXATION in absence</u> <u>Desirable Limits of Alternate Source</u>	
<b>PHYSICAL EXAMINATION</b>			
1. Colour	Unobjectionable	5 H.U. (Max.)	15
2. Odour	Agreeable	Agreeable	Agreeable
3. Taste	Agreeable	Agreeable	Agreeable
4. Turbidity, NTU	NIL	1Max.	5
5. pH	6.52	6.5-8.5	No Relaxation
6. Dissolved Solids (mg/l)	79mg/l	500	2000
<b>CHEMICAL EXAMINATION (mg/l)</b>			
1. Total Alkalinity (as CaCO <sub>3</sub> )	16mg/l	200Max.	600
2. Chlorides (as Cl)	33mg/l	250Max.	1000
3. Total Hardness (as CaCO <sub>3</sub> )	21mg/l	200Max.	600
4. Iron (as Fe)	*BDL	0.3Max.	No Relaxation
5. Fluoride (as F)	*BDL	1.0Max.	1.5
6. Residual Free Chlorine	*BDL	0.2Min.	1.0

\*B.D.L.- Below detectable Limits.

Chemist/Microbiologist



Note :

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Phone : 91-129-2278584, 2279087  
E-mail : fdralabs@incosmetics.org

Ref.No.:FDRA/21017/2022

Dated:03/10/2022

### TEST CERTIFICATE

Date & Time of Collection:- N.A.  
Collected by:- Sender  
Source:- R.O.Water

Date of Receipt:30/09/2022  
Date of Analysis:30/09/2022 to 03/10/2022

#### ISSUED TO:

M/S Manav Rachna Dental College,  
Sector-43, Suraj Kund Road,  
Faridabad-121001 (Haryana)

Lab No.: 6097/W/2022  
Your Ref.No.: NIL

SAMPLE DESCRIPTION: A Water Sample in a Pet Bottle.

### BACTERIOLOGICAL EXAMINATION

#### MAX. ALLOWED AS PER

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>W.H.O. Guidelines</u>	<u>IS-10500:2012</u>
Most Probable Number of Coliforms Organisms per 100ml. of Water.	(Absent)	3	Absent

OPINION:- The Bacteriological analysis of the sample indicates that it is Fit / Unfit?  
Repeat Sampling Required for Human Consumption.

Chemist/Microbiologist



#### Note :

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