### SHRI KRISHNA AQUA ENGINEERING WORKS

ISO 9001:2015, ISO 45001:2018

#### **Environmental Lab, Pollution Control Consultants**

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Report No: SKAEW/ANAL/890A/24-25

Report Issue Date: 20.07.2024

### ANALYSIS REPORT OF WATER OUALITY

Name Of Client Spoorti Central School Sample Description RO Water Sample Supplied by Sampling Method adopted As per APHA 23<sup>nd</sup> Edition-2017 Discipline Chemical Group Water Type of sampling Grab Sampling Date of Collection 15.07.2024 Date of Sample Receipt 15.07.2024 10 Lab Code 1037A/02 Date of Sample taken for analysis 11 15.07.2024 Date of Completion of test 20.07.2024

SI. No.	Parameters	Protocol	Unit	Result RO Water	Standard IS 10500-2012 (RA-2015)	
					AL	PL
Ī	Odor	IS: 3025 (Part-5)	****	Agreeable	Agreeable	
2	Turbidity in NTU	IS: 3025 (Part-10), RA-2017	NTU	1	1 Max	5 Max
3	pH@ 25°C	IS: 3025 (Part-11)	****	6.41	6.5-8.5	No relaxation
4	Electrical Conductivity	IS: 3025 (Part-14), RA-2019	µS/cm	89.4	Not Specified	
5	Total Dissolved Solids (TDS)	IS: 3025 (Part-16), RA-2017	mg/L	43	500 Max	2000 Max
6	Total Hardness as CaCO <sub>3</sub>	IS: 3025 (Part-21), RA-2019	mg/L	30.00	200 Max	600 Max
7	Calcium (as Ca)	IS: 3025 (Part-40), RA-2019	mg/L	5.60	75 Max	200 Max
8	Magnesium (as Mg)	APHA 23rd edition 3500-Mg,B	mg/L	3.88	30 Max	100 Max
9	Total Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23), RA-2019	mg/L	38.16	200 Max	600 Max
10	Chloride (as CI)	IS: 3025 (Part-32), RA-2019	mg/L	16.33	250 Max	1000 Max
11	Fluoride (as F)	APHA 23rd edition 4500-F-B,D	mg/L	0.15	1.0 Max	1.5 Max
12	Sulphate (as SO <sub>4</sub> )	IS: 3025 (Part-24), RA-2019	mg/L	94.96	200 Max	400 Max
13	Iron (as Fe)	IS: 3025 (Part-53), RA-2019	mg L	BDL	1.0 Max	
14	Nitrate Nitrogen (as NO <sub>3</sub> -N)	APHA 23rd edition 4500-NO3,E	mg/L	4.05	45 Max	No relaxation
15	Total Coliform	IS: 1622	MPN/100	Not Detected	45 Max No relaxation Shall not be detected in any 100ml Sample	
16	E-Coli	IS: 1622		Absent	Not specified	

AL-Acceptable Limits, PL-Permissible Limits, RA-Reaffirmed

Statement of Conformity

1. The Results listed above pertain only to the tested sample and applicable parameters.
2. Samples which are degradable will be disposed immediately after testing and others will be disposed after fifteen days from the date of sample receipt unless Otherwise specified.

3. Total liability of our laboratory is limited to the invoice amount.

4. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media Without written approval of the laboratory

In case any reconfirmation of contents of this Test Report is required, please contact our office
 Subjected to Hubli-Juridistiction.

Tested Parameters complies with IS: 10500-2012

UTTORIZED SIGNATORY NCIPAL

SPOORTI CENTRAL SCHOOL KALAGHATAGI.

PRIFIED BY Charitable Trust (R)

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Report Issue Date: 20 07.2024

#### Report No: SKAEW/ANAL/890A/24-25

## ANALYSIS REPORT OF WATER QUALITY

Name Of Client

2 Sample Description Sample Supplied by

Sampling Method adopted

Discipline 6 Group

Type of sampling

Date of Collection

Date of Sample Receipt 9

Lab Code 10

Date of Sample taken for analysis

Date of Completion of test

Spoorti Central School

Tap Water

Client

As per APHA 23<sup>nd</sup> Edition-2017

Chemical

Water

**Grab Sampling** 

15.07.2024

15.07.2024

1037A/01

15.07.2024

20.07.2024

SI. No.	Parameters	Protocol	Unit	Result  Tap  Water	Standard IS 10500-2012 (RA-2015)	
					AL	PL
1	Odor	IS: 3025 (Part-5)		Agreeable	Agreeable	
2	Turbidity in NTU	IS: 3025 (Part-10), RA-2017	NTU	1	1 Max	***************************************
3	pH@ 25°C	IS: 3025 (Part-11)		6.87	6.5-8.5	5 Max
4	Electrical Conductivity	IS: 3025 (Part-14), RA-2019	μS/cm	736		No relaxation pecified
5	Total Dissolved Solids (TDS)	IS: 3025 (Part-16), RA-2017	mg/L	370	500 Max	2000 Max
6	Total Hardness as CaCO <sub>3</sub>	IS: 3025 (Part-21), RA-2019	mg/L	276.00	200 Max	
7	Calcium (as Ca)	IS: 3025 (Part-40), RA-2019	mg/L	51.20	75 Max	600 Max 200 Max
8	Magnesium (as Mg)	APHA 23rd edition 3500-Mg.B	mg/L	35.96	30 Max	S. M. Commonwell
9	Total Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23), RA-2019	mg/L	277.72	200 Max	100 Max
10	Chloride (as CI)	IS: 3025 (Part-32), RA-2019	mg/L	45.37	250 Max	600 Max
11	Fluoride (as F)	APHA 23rd edition 4500-F-B,D	mg/L	0.25	1.0 Max	1000 Max
12	Sulphate (as SO <sub>4</sub> )	IS: 3025 (Part-24), RA-2019	mg/L	19.49	200 Max	I.5 Max
13	Iron (as Fe)	IS: 3025 (Part-53), RA-2019	mg/L	BDL		400 Max
14	Nitrate Nitrogen (as NO3-N)	APHA 23rd edition 4500-NO3,E	mg/L	2.16	1.0 Max	No relaxation
15	Total Coliform	*11*1	The same of the sa		45 Max	No relaxation
	Total Comorm	IS: 1622	MPN/100	Not Detected	Shall not be detected in any	
16	E-Coli	IS: 1622		Detected Absent	100ml Sample Not specified	

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Subjected to Hubli-Juridistiction.

Statement of Conformity

President

Tested Parameters complies with IS: 10500-2012





THORIZED SIGNATORY Radha M Bengeri

CENTRAL SCHOOL