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INDUSTRIAL CONSULTANCY SERVICES
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA
Jawaharlal Nehru Technological University Kakinada
KAKINADA – 533 003 A.P., INDIA

Ref : Job No: UCEK/JNTUK/CE/ICS/PH/ 41 /2024-25

Date : 11.11.2025

From

Dr.N.Mohan Rao,
M E .P h D .
Professor of Mechanical Engineering,
Principal & Chief Co-ordinator, ICS

To

Tripura English Medium School,
Tripura Nagar,
Rajahmundry.

Sir:

Sub: JNTU College of Engineering, Kakinada – ICS – Analysis of Water Samples collected and supplied by. Tripura English Medium School, Tripura Nagar, Rajahmundry.

Ref No : Your letter No: Nill Date;-01-11-2025.

Herewith I am enclosing the Test Results (Annexure-1), of Water samples collected and supplied by you for analysis to the Environmental Engineering Laboratory of this College.

The bill for testing charges is also enclosed.

Encl: 1) Test results
2) Bill

yours faithfully,

N. Mohan Rao

Principal

Chief Coordinator ICS

Principal & Chief Co-ordinator
Industrial Consultancy Services
University College Engg. Kakinada
JNTUK, KAKINADA (AP)



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ANNEXURE – 1

Name of the Work : analysis of Water Samples collected and supplied by

Tripura English Medium School, Tripura Nagar, Rajahmundry.

(All the Units, unless otherwise specified, are in mg/l. 1ppm = 1 mg/l)

Standards mentioned are Drinking Water Standards as per IS 10500-2012

S.No.	Parameter	Value	Desirable Standards	Maximum Permissible in the absence of alternate sources
PHYSICAL				
1.	Appearance	Normal	--	--
2.	Turbidity (NTU)	Nil	1	5
3.	Colour Hazens	5	5	15
4.	Taste	Agreeable	Agreeable	--
5.	Odour (TON)	Agreeable	Agreeable	--
CHEMICAL				
6.	pH at 25 ⁰ C	6.52	6.5-8.5	6.5-8.5
7.	E.C. (micromho/cm) at 20 ⁰ C	700	--	--
8.	Suspended Solids (SS)	Nil	--	--
9.	Total Dissolved Solids (TDS)	455	500	2000
10.	P- Alkalinity as CaCO ₃	Nil	--	--
11.	M- Alkalinity as CaCO ₃	152	200	600
12.	Total Hardness as CaCO ₃	165	200	600
13.	Calcium as Ca	65	75	200
14.	Magnesium as Mg	15	30	100
15.	Carbonate as CO ₃	Nil	--	--
16.	Bicarbonate as HCO ₃	185	--	--
17.	Chloride as Cl ⁻	65	250	1000
18.	Free Residual Chlorine	Nil	0.2	--
19.	Sulphate as SO ₄	24	200	400
MICRO BIOLOGICAL				
20.	MPN in 100 ml	Nil	Not detectable in 100ml of sample	
21.	Faecal Streptococci	Nil	Not detectable in 100ml of sample	

(Analysis: The water is suitable for drinking and all other domestic purposes with reference to Desirable Standards.)

N. Mohan Rao
Principal & Chief Coordinator, ICS
Industrial Consultancy Services
University College Engg. Kakinada
JNTUK, KAKINADA. (AP)

BILL

INDUSTRIAL CONSULTANCY SERVICES
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Job No. UCEK/JNTUK/CE/PH/ 41 /2025-26

Date: 11.11.2025

From

Dr.N.Mohan Rao,
M E .P h D .
Professor of Mechanical Engineering,
Principal & Chief Co-ordinator, ICS

To

Tripura English Medium School,
Tripura Nagar,
Rajahmundry.

Name of the Work: **Analysis of Water Samples collected and supplied by** Tripura English Medium School, Tripura Nagar, Rajahmundry

Sl. No.	Description of Work	No. of Test	Rate /Test Rs.	Amount	
				Rs	Ps
1.	Physical, Chemical and Biological Analysis of Water samples G. S. T. @ 18% (Rupees Two Thousand nine Hundred and fifty Only)	1	2500/-	2500	00
				450	00
				Total:	2950

N. Mohan Rao

PRINCIPAL

CHIEF COORDINATOR, ICS.

Principal & Chief Coordinator
Industrial Consultancy Services
University College Engg. Kakinada
JNTUK, KAKINADA: (AP)

OFFICE OF THE PRIMARY HEALTH CENTRE, DOWLAI SWARAM

SANITARY CERTIFICATE

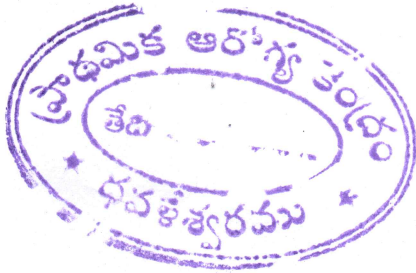
This is to certify that the premises of the TRIPURA ENGLISH MEDIUM SCHOOL, TRIPURA NAGAR, RAJAHMUNDRY RURAL MANDAL is clean and tidy. The building is having proper ventilation and lighting. Potable drinking water and usage water is adequately provided. Latrines and Urinals are provided to staff and students (Boys & Girls) separately. Other sanitary arrangements are also provided. The above premises is being maintained in hygienic sanitary conditions.

It is certified that there is NO objection for running this School from the *Public Health point* of view.

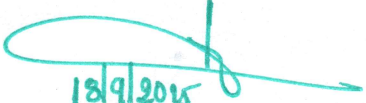
This Sanitary certificate is issued for **ACADEMIC YEAR – 2025-2026**.

Date : 17.09.2025

Dowlaiswaram.



Copy to
The Principal,
Tripura English Medium School
Tripura Nagar, Rajahmundry Rural.
East Godavari Dist.


18/9/2025

Medical Officer
Primary Health Centre
DOWLAI SWARAM