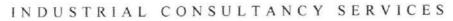
Grams: ENGCOL

email: head civil18@gmail.com

Phone: 2351664



UNIVERSITY COLLEGE OF ENGINEERING KAKINADA

Jawaharlal Nehru Technological University Kakinada

KAKINADA - 533 003 A.P., INDIA

Ref: Job No: UCEK/JNTUK/CE/ICS/PH/ 18A /2024-25

Date: 12.08.2024

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;-26-07-2024.

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,

Principal Chief Coordinator.ICS

N. Mohantes

Principal & Chief Coorinator Industrial Consultancy Services University College Engg. Kakinada INTUK, KAKINADA JAP)



### INDUSTRIAL CONSULTANCY SERVICES

UNIVERSITY COLLEGE OF ENGINEERING KAKINADA

Jawaharlal Nehru Technological University Kakinada

KAKINADA - 533 003 A.P., INDIA

#### 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	
PHYS	ICAL				
1.	Appearance	Normal			
2.	Turbidity (NTU)	Nil	1	5	
3.	Colour Hazens	5	5	15	
4.	Taste	Agreeable	Agreeable	( <del></del>	
5.	Odour (TON)	Agreeable	Agreeable		
CHEN					
6.	pH at 25° C	6.59	6.5-8.5	6.5-8.5	
7.	E.C. (micromho/cm) at 20°C	126	••		
8.	Suspended Solids (SS)	Nil			
9.	Total Dissolved Solids (TDS)	82	500	2000	
10.	P- Alkalinity as CaCO <sub>3</sub>	Nil			
11.	M- Alkalinity as CaCO <sub>3</sub>	:164	200	600	
12.	Total Hardness as CaCO <sub>3</sub>	116	200	600	
13.	Calcium as Ca	17	75	200	
14.	Magnesium as Mg	15	30	100	
15.	Carbonate as CO <sub>3</sub>	Nil			
16.	Bicarbonate as HCO <sub>3</sub>	200			
17.	Chloride as Cl	52	250	1000	
18.	Free Residual Chlorine	Nil	0.2		
19.	Sulphate as SO <sub>4</sub>	24	200	400	
MICP	O BIOLOGICAL				
20.	MPN in 100 ml	Nil	Not detectable	e 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. Moham Las

Principal Chief Coordinator, ICS
Principal & Chief Coordinator
Industrial Consultancy Services
University College Engg. Kakinada

#### BILL

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

Job No. UCEK/JNTUK/CE/PH/ 18A /2024-25

Date: 12.08.2024

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.	Amou Rs	nt Ps
1.	Physical, Chemical and Biological Analysis of Water samples	1	1500/-	1500	00
	G. S. T. @ 18%			270	00
	Į.		90	-	
	(Rupees One Thousand Seven Hundred and Seventy Only)		Total:	1770	00

PRINCIPAL CHIEF COORDINATOR, ICS.

Principal & Chief Coorinator Industrial Consultancy Services University College Engg. Kakinada INTUK, KAKINADA. (AP)

# OFFICE OF THE PRIMARY HEALTH CENTRE, DOWLAISWARAM SANITARY CERTIFICATE

This is to certify that the premises of the TRIPURA ENGLISH MEDIUM SCHOOL, TRIPURA NAGAR, RAJAHMUNDRY, Rajahmundry Rural Mandal is clean and tidy, the building is having proper ventilation and lighting Protected water and usage water is adequately provided. Latrines and Urinals are provided to staff and Boy's & Girl's separately and other sanitary arrangements are also provided. The above premises are being maintained in good 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 – 2024-2025.** 

Date: 16.07.2024

Dowlaiswaram.

Copy to

The Principal,

Tripura English Medium School

Tripura Nagar, Rajahmundry Rural.

East Godavari Dist.

Medical Otticer
Primary Health Centre
DOWLAISWARAM