E-mail: principalrgcet@gmail.com Phone: 0413 - 2615309, 2615310, info@rgcetpdy.ac.in Mobile: 93676 00780

Website: www.rgcetpdy.ac.in



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University)
(Accredited with 'A' Grade by NAAC)
(Sponsored by Sri Balaji Educational and Charitable Public Trust)
Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

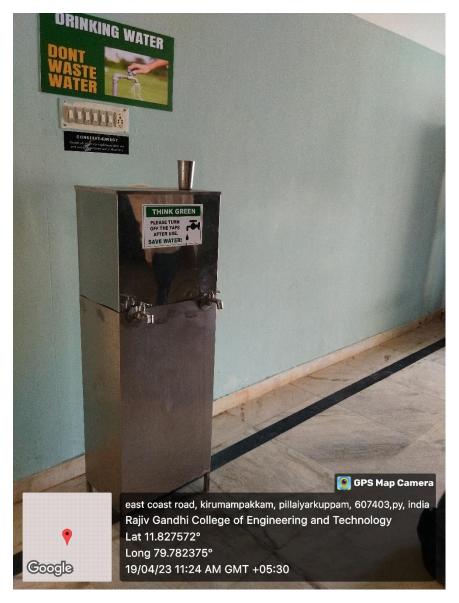
Dr. Vijayakrishna Rapaka

B.Tech. (Mech.), M.Tech. (Energy), Ph.D. (Ocean Engineering, IIT Madras), M.I.S.T.E., F.I.I.P.E., M.C.S.I., M.I.S.E.S., M.A.S.E.E. PRINCIPAL

Potable Water Supply











Report No.: TR/WTL/PHD/PWD/PDY/2023/W-0564

ULR-TC758022000000391F

Date: 02.06.2023

TEST REPORT

Customer Name & Address : The Principal.

Page 1 of 1

Rajiv Gandhi College of Engineering & Technology, Kirumampakkam, Puducherry-402.

Customer Reference

: Letter RGCET/Water Testing/2023/01, dt:23.05.2023

SAMPLE DETAILS

Sample Code

2023/W-0564

Sampled by

: Customer

Sample Name

Water

Sampled on

: 26.05.2023

Sample Description

Identification by Customer

Borewell water

Sampling Location

Borewell near College administrative : block in RGCET campus,

Sample - R

Kirumampakkam, Puducherry

Fit for analysis

Sampling Procedure

: 26.05.2023

Sample Condition Test Started on

26.05.2023

Sample Received on Test Completed on

02.06.2023

TEST RESULTS

Test Parameter	Test Method	Units	D	Drinking water standard as per IS 10500-2012	
			Results	Acceptable Limit (Requirement)	Permissible limit in the absence of alternate Source
Table 1 General Parameters Co	oncerning Substances Undesirable	in Excessiv	e Amounts		ancinate Source
pH @ 25°C	APHA, 23rd Edition, 2017, 4500-H ⁺ B	_	6.50	6.5 to 8.5	No relaxation
Electrical Conductivity @ 25°C APHA, 23rd Edition, 2017, 2510 B		µs/cm	327		
Total Dissolved Solids APHA, 23rd Edition, 2017, 2540 C		mg/L	196	500 Max	2000 Max
Table 2 General Parameters Co	oncerning Substances Undesirable	in Excessiv	e Amounts		_ Lood Max
Total Alkalinity as CaCO₃	APHA, 23rd Edition, 2017, 2320 B	mg/L	129	200 Max	600 Max
Total Hardness as CaCO ₃	APHA, 23rd Edition, 2017, 2340 C	mg/L	120	200 Max	600 Max
Calcium as Ca	APHA, 23rd Edition, 2017, 3500-Ca B	mg/L	26.2	75 Max	200 Max
Magnesium as Mg	APHA, 23rd Edition, 2017, 3500-Mg B	mg/L	13.3	30 Max	100 Max
Iron as Fe	APHA, 23rd Edition, 2017, 3500 Fe B	mg/L	<0.10	1.0 Max	No Relaxation
Chloride as Cl	APHA, 23rd Edition, 2017, 4500-Cl B	mg/L	27.1	250 Max	1000 Max
Sulphate as SO₄	APHA, 23rd Edition, 2017, 4500-SO ₄ E	mg/L	5.90	200 Max	400 Max
Nitrate as NO ₃ APHA, 23rd Edition, 2017, 4500-NO ₃ B		mg/L	<1.00	45 Max	No Relaxation
Fluoride as F	APHA, 23rd Edition, 2017, 4500-F D	mg/L	0.21	1.0 Max	1.5 Max

.....End of Report.....

Copy submitted to:

The Executive Engineer. PHD., PWD., Puducherry. **Authorized Signatory**

Anita Ben **BIOCHEMIST** WATER TESTING LAB PUBLIC HEALTH DIVISION P.W.D. PONDICHERRY

3. The laboratory is not responsible for the authenticity of photocopied test report.

The test result relevant only to the item tested.

The tested report shall not be reproduced in full or part without written approval of WTL-PHDPWD.

The test item will not be retained for more than 15 days from the date of issue of test report except in case as required by applicable regulations.
 The laboratory is not responsible for any legal dispute that may arise in future if the sample was not drawn by the laboratory personnel.

Report No: TR/WTL/PHD/PDY/2023/B-0152

Date:19.05.2023

TEST REPORT

Customer Name & Address:

The Resident Medical Officer.

Rajiv Gandhi Govt. Women and Children Hospital, Puducherry.

Customer Reference:

Letter dt: 17.05.2023

Page 1 of 1

SAMPLE DETAILS

Sample Code Sample Name

: 2023/B-0152 : Water

Sampled by Sampled on Customer 17.05.2023

Sample Description

: Tap Water

Sampling Location

Kitchen in R.G.G.W & C Hospital,

Pdy.

Identification by Customer

: Sample - 1

Sampling Procedure Sample Received on

17.05.2023

Sample Condition Test Started on

Temperature

: Fit for analysis : 17.05.2023

Test Completed on

19.05.2023

Test Parameter	Test Method	Units	Results	Drinking water standard requirements as per IS 10500-2012
BACTERIOLOGICAL ANA	ALYSIS			
Total Coliforms	WHO Guideliness for drinking water Quality - Vol3	MPN/100 ml	Absent	Absent
Faecal Coliforms WHO Guideliness for drinking water Quality - Vol3		MPN/100 ml	Absent	Absent

Remarks:

The water sample meets the requirement of the standards in respect of the above parameters analysed.

.....End of Report.....

Authorized Signatory L Anita Ben BIOCHEMIST WATER TESTING LAB PUBLIC HEALTH DIVISION

PW.D PONDICHERRY

Copy to:

The Executive Engineer, P.H.D., P.W.D., Puducherry.

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FORM-V

[See Rule12(2)]

CERTIFICATE OF REGISTRATION FOR EXISTING USER OF GROUNDWATER

Registration No.: 127-2023/PGWA/CR/-Renewal/Industrial & Other/2023-24

With reference to his/ her application No. 965 dated 07-06-2023 M/s. RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY, Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry 607 403 is hereby granted certificate of registration recognising the use of Tube well located at R.S. No 27/3 at KIRUMAMPAKKAM village of BAHOUR commune in PUDUCHERRY region for Industrial & Other(Industrial) purpose, conforming to the following specifications:-

(i) Type of Well : Tubewell

(ii) Depth : 200 Metres

(iii) Diameter : 150 Millimetres

(iv) Aquifer tapped : Cuddalore Sandstone

(v) Type of Pump installed : Submercible

(vi) H.P of the motor pump installed : 15 H.P.

(vii) No . of hourse operated : 2Hrs.

(viii) Quantity of groundwater extracted : 64000 Litters / per day

per day

(ix) Quantity of groundwater transported : 0 Litters / per day

per day

(x) Well Status : Functioning

2. This certificate is also subject to the following condition :-

i. The certificate holder should not deviate from the specifications regarding the well abovementioned.

ii. The GroundWater Authority or any person duly authorized by it shall have the right to enter and inspect the place with such assistance as may be necessary to satisfy whether the conditions and restrictions specified in this certificate are being complied with.

iii. The GroundWater Authority, for technical reasons may alter, amend or vary the terms of certificate of registration giving 15 days notice to the certificate holder specifying the reasons.

iv. The certificate holder should maintain a register in Form - VII - (A) and should upload the monthly report in Form - VIII - (A) appended.

(V) Any other conditions (to be specified)

- (a) This certificate is valid till 31-03-2025
- (b) The certificate holder should apply for renewal in Form-IV at this authority's

website[https://pgwa.py.gov.in],before 90 days its validity period of this Certificate of Registration (i.e.) on or before 31.12.2024. Otherwise, it will attract a late fee of Rs.1000/-.

- (c) A copy of this Certificate of Registration should be kept in the industry and the same has to be shown during the inspection of Government officials.
- (d) The daily water consumption register should be strictly and properly maintained in accordance with Form - VII - (A) and a monthly report on consumption of groundwater from the tube well in Form - VIII - (A) should be submitted at this authority's Website [https://pgwa.py.gov.in] before 10th day of succeeding month without fail.
- (e). the certificate holder should remit the fee for groundwater extraction from this tubewell @ Rs.1.30 (One Rupees Thirty Paise Only) per every 1000 liters of groundwater extraction.at this authority office, along with the above said monthly report.
- (f) Any deviation / Violation of the above / below if any mentioned conditions will attract penal action as per the sub - section (b) (i) & (ii) of Section 20 of 'The Pondicherry Ground Water (Control & Regulation) Act '[(i) for the first offence with fine which may extend to five thousand rupees: and (ii) for the second and subsequent offence, with imprisonment for a term which may extend to six months, or with fine which may extend to ten thousand rupees, or with both].
- (g) This Certificate of Registration will liable for cancellation, if the certificate holder failed to comply with the conditions stipulated in this Certificate of Registration, as per Sub Section (b) of Section 12 of 'The Pondicherry Ground Water (Control & Regulation) Act, 2002'
- h) The hour meter should be fixed in the above said tubewell and should intimate to this office within a month from the date of issuance of this Certificate.

PONDICHERR

Place: Pondicherry Date: 07-06-2023

Signature of Member Secretary

GroundWater Authority

PONDICHERRY GROUNDWATER AUTHORITY

PUDUCHERRY

RECEIPT

No.: 13292

ORIGINAL

Date: 07-06-2023

Received from M/s. RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY
(Address) Pondy-Cuddalore Main RoadKirumampakkamPuducherry 607 403
Rupees10000.00(Ten Thousand Rupees Zero Paise Only)
In Cash / by Bank Draft on account of the fee payable for the grant of (a) Permit to Sink a Well; (b) Certificate of Registration of Existing Use; (c) Grant / Renewal of License for Sinking of Well for Extraction / Transport of Ground Water; (d)Others[specify]
Certificate of Registration Fee - 2023 To 2025

Amount:10000.00

Late Fees: 0.00

Penalty Fees: 0.00

Signature of Member Secretary



Page 1 of 1

LAnita Ben BIOCHEMIST

WATER TESTING LAB

PUBLIC HEALTH DIVISION

PW.D PONDICHERS

Report No.: TR/WTL/PHD/PWD/PDY/2024/W-0008

ULR-TC758022000000016F

Date: 19.01.2024

TEST REPORT- CHEMICAL

Customer Name & Address: Rajiv Gandhi College Of Engineering And Technology

Pondy-Cuddalore main road, Kirumampakkam, Puducherry-607403.

Customer Reference : Letter RGCET/WATER/2024/001, dt. 04.01.2024

SAMPLE DETAILS

Sample Code 2024/W-0008 Information provided by the Customer **Product Category** Water Sampled on : 10.01.2024 Sample Name **Drinking Water** Sample Description : Borewell Water Sample Condition Fit for analysis Sample Source Sampled by Identification by Customer: Sample - R Customer Sample Received on 10.01.2024 Sampling Location : RGCET Campus, Pondy-Cuddalore Test Started on main road, Kirumampakkam, 10.01.2024 Puducherry. Test Completed on 19.01.2024

TEST RESULTS

CHEMICAL REPORT					
Test Parameter	Test Method	Units	Deculto	Drinking water standard as per IS 10500-2012	
			Results	Acceptable Limit (Requirement)	Permissible limit in the absence of alternate Source
	oncerning Substances Undesirable	in Excessive	Amounts		,
pH @ 25°C	APHA, 23rd Edition, 2017, 4500-H ⁺ B	. =-	6.58	6.5 to 8.5	No relaxation
Electrical Conductivity @ 25°C	APHA, 23rd Edition, 2017, 2510 B	μs/cm	315		
Total Dissolved Solids	APHA, 23rd Edition, 2017, 2540 C	mg/L	196	500 Max	2000 Max
	oncerning Substances Undesirable	in Excessive	Amounts		
Total Alkalinity as CaCO₃	APHA, 23rd Edition, 2017, 2320 B	mg/L	128	200 Max	600 Max
Total Hardness as CaCO ₃	APHA, 23rd Edition, 2017, 2340 C	mg/L	130	200 Max	600 Max
Calcium as Ca	APHA, 23rd Edition, 2017, 3500-Ca B	mg/L	30.2	75 Max	200 Max
Magnesium as Mg	APHA, 23rd Edition, 2017, 3500-Mg B	mg/L	13.3	30 Max	100 Max
Iron as Fe	APHA, 23rd Edition, 2017, 3500 Fe B	mg/L	0.10	1.0 Max	No Relaxation
Chloride as Cl	APHA, 23rd Edition, 2017, 4500-CI B	mg/L	. 24.9	250 Max	1000 Max
Sulphate as SO ₄	APHA, 23rd Edition, 2017, 4500-SO ₄ E	mg/L	11.2	200 Max	400 Max
Nitrate as NO₃	APHA, 23rd Edition, 2017, 4500-NO ₃ B	mg/L	<1.00	45 Max	No Relaxation
Fluoride as F	APHA, 23rd Edition, 2017, 4500-F D	mg/L	0.25	1.0 Max	1.5 Max

.....End of Report.....

Copy submitted to:

The Executive Engineer, PHD., PWD., Puducherry.

Terms and Conditions:

The test result relevant only to the item tested.

The tested report shall not be reproduced in full or part without written approval of WTL-PHDPWD.

3. The laboratory is not responsible for the authenticity of photocopied test report.

4. The test item will not be retained for more than 15 days from the date of issue of test report except in case as required by applicable regulations.

5. The laboratory is not responsible for any legal dispute that may arise in future if the sample was not drawn by the laboratory personnel.

Report No: TR/WTL/PHD/PDY/2024/B-0003

Date:11.01.2024

TEST REPORT

Customer Name & Address

: Rajiv Gandhi College Of Engineering And Technology

Pondy-Cuddalore main road, Kirumampakkam, Puducherry-607403.

Customer Reference

: Letter RGCET/WATER/2024/001, dt. 04.01.2024

Page 1 of 1

SAMPLE DETAILS

Sample Code	: 2024/B-0003	Sampled by	Customer
Sample Name	: Water	Sampled on	09.01.2024
Sample Description	: Treated Water		
Temperature	: 	Sampling Location	RGCET Campus, Pondy- Cuddalore main road, Kirumampakkam, Puducherry.
Identification by Customer	: Sample - R	Sampling Procedure	
Sample Condition	: Fit for analysis	Sample Received on	09.01.2024
Test Started on	: 09.01.2024	Test Completed on	11.01.2024

Test Parameter	Test Method	Units	Results	Drinking water standard requirements as per IS 10500-2012
BACTERIOLOGICAL ANALY	'SIS			
Total Coliforms	WHO Guideliness for drinking water Quality - Vol3	MPN/100 ml	Absent	Absent
Faecal Coliforms	WHO Guideliness for drinking water Quality - Vol3	MPN/100 ml	Absent	Absent

Remarks:

The water sample meets the requirement of the standards in respect of the above parameters analysed.

.....End of Report.....

Authorized Signatory

Anita Ben
BIOCHEMIST
WATER TESTING LAB
PUBLIC HEALTH DIVISION
PW.D PONDICHERRY

Copy to:

The Executive Engineer, P.H.D., P.W.D., Puducherry.

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- 5. The laboratory is not responsible for any legal dispute that may arise in future if the sample was not drawn by the laboratory personnel.



Report No.: TR/WTL/PHD/PWD/PDY/2024/W-0125

ULR-TC758024000000104F

Date: 04.03.2024

TEST REPORT- CHEMICAL

Customer Name & Address: Rajiv Gandhi College of Engineering and Technology

Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry-607403.

Customer Reference

: Letter RGCET/WATER/2024/002,dt:22.02.2024

Page 1 of 1

SAMPLE DETAILS

O Codo	: 2024/W-0	125 Information provided	by the Customer
Sample Code	380	Sampled on	: 27.02.2024
Product Category	: Water		: Treated Water
Sample Name	: Drinking \		: Treated Water
Sample Condition	: Fit for ana	alysis Sample Source	;
		in the state of the October	mer : Sample - R
Sampled by	: Custome		: College campus, Pondy-Cuddalore Main
Sample Received on	: 27.02.202	Sampling Location	Road, Kirumampakkam, Puducherry.
Test Started on	: 27.02.202	24	Noad, Midmampantan, Cara
Test Completed on	: 04.03.202	24 TEAT DESULTS	

TEST RESULTS

CHEMICAL REPORT				Drinking water standard as per IS 10500-2012	
Test Parameter	Test Method Unit		Results	Acceptable Limit (Requirement)	Permissible limit in the absence of alternate Source
The A.C. and Decemptors Co	oncerning Substances Undesirable	in Excessive	Amounts	- 00	
	APHA, 23rd Edition, 2017, 4500-H*B		5.44	6.5 to 8.5	No relaxation
oH @ 25°C		us/cm	25.0		
Electrical Conductivity @ 25°C	oncerning Substances Undesirable	in Excessive	Amounts		
Table 2 General Parameters Co	APHA, 23rd Edition, 2017, 2320 B	mg/L	7.66	200 Max	600 Max
Total Alkalinity as CaCO₃		mg/L	8.82	200 Max	600 Max
Total Hardness as CaCO ₃	APHA, 23rd Edition, 2017, 2340 C	mg/L	<2.00	75 Max	200 Max
Calcium as Ca	APHA, 23rd Edition, 2017, 3500-Ca B		<2.00	30 Max	100 Max
Magnesium as Mg	APHA, 23rd Edition, 2017, 3500-Mg B	mg/L	<0.10	1.0 Max	No Relaxation
Iron as Fe	APHA, 23rd Edition, 2017, 3500 Fe B	mg/L		250 Max	1000 Max
Chloride as Cl	APHA, 23rd Edition, 2017, 4500-Cl B	mg/L	6.50		400 Max
Sulphate as SO ₄	APHA, 23rd Edition, 2017, 4500-SO ₄ E	mg/L	<5.00	200 Max	
Nitrate as NO₃	APHA, 23rd Edition, 2017, 4500-NO₃B	mg/L	·<1.00	45 Max	No Relaxation
Fluoride as F	APHA, 23rd Edition, 2017, 4500-F D	mg/L	<0.10	1.0 Max	1.5 Max

.....End of Report.....

L. Amila A Authorized Signatory L. Anita Ben **BIOCHEMIST** WATER TESTING LAB PUBLIC HEALTH DIVISION PW.D PONDICHERRY

Copy submitted to:

The Executive Engineer, PHD., PWD., Puducherry.

Terms and Conditions:

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Report No: TR/WTL/PHD/PDY/2024/B-0022

Date:29.02.2024

TEST REPORT

Customer Name & Address

: Rajiv Gandhi College of Engineering and Technology

Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry-607403.

Customer Reference

: Letter RGCET/WATER/2024/002,dt:22.02.2024

Page 1 of 1

-		-	
SAMPL	FF	FI	All S
SHIVIFL		_ 14	TILO

Sample Code Sample Name Sample Description	: 2024/B-0022 : Water : Treated Water	Sampled by Sampled on Sampling Location	Customer 27.02.2024 College campus, Pondy- Cuddalore Main Road,
Temperature	:	Campung	Kirumampakkam, Puducherry.
Identificaiton by Customer Sample Condition Test Started on	: Sample - R : Fit for analysis : 27.02.2024	Sampling Procedure Sample Received on Test Completed on	 27.02.2024 29.02.2024

Test Parameter Test Method		Units	Results	Drinking water standard requirements as per IS 10500-2012
BACTERIOLOGICAL ANALYS	S			
Total Coliforms	WHO Guideliness for drinking water Quality - Vol3	MPN/100 ml	Absent	Absent
Faecal Coliforms	WHO Guideliness for drinking water Quality - Vol3	MPN/100 ml	Absent	Absent

Remarks:

The water sample meets the requirement of the standards in respect of the above parameters analysed.

.....End of Report.....

Z. Arita les Authorized Signatory L. Anita Ben BIOCHEMIST WATER TESTING LAB PUBLIC HEALTH DIVISION PW.D PONDICHERRY

Copy to:

The Executive Engineer, P.H.D., P.W.D., Puducherry.

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Report No.: TR/WTL/PHD/PWD/PDY/2024/W-0125(Annexe)

Date:04.03.2024

TEST REPORT- CHEMICAL

Customer Name & Address: Rajiv Gandhi College of Engineering and Technology

Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry-607403.

: Letter RGCET/WATER/2024/002,dt:22.02.2024 **Customer Reference**

Page 1 of 1

SAMPLE DETAILS

Sample Code		2024/W-0125	Information provided by	the Customer
Product Category		Water Drinking Water	Sampled on Sample Description	: 27.02.2024 : Treated Water
Sample Name Sample Condition		Fit for analysis	Sample Source	: : Sample - R
Sampled by Sample Received on	•	27.02.2024	Sampling Location	: College campus, Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry.
Test Started on	•	27.02.2024 04.03.2024	*	

TEST RESULTS

SUEWICAL DEPORT					
Test Parameter	Test Method	Units	Results		er standard as 0500-2012 Permissible limit in
				(Requirement)	the absence of alternate Source
Table 1 General Parameters	s Concerning Substances Undesirable	in Excessive	e Amounts		
Total Dissolved Solids	PWDWTL/SOP/08/Issue No.01/ dt.23.9.15	mg/L	15.5	500 Max	2000 Max

.....End of Report.....

 Authorized Signatory L Anita Ben **BIOCHEMIST** WATER TESTING LAB PUBLIC HEALTH DIVISION PW.D. PONDICHERRY

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