

# CENTRAL WATER TESTING LABORATORY

OFFICE OF THE EXECUTIVE ENGINEER,  
NEW TOWN KOLKATA WATER SUPPLY DIVISION-I,  
WATER TREATMENT PLANT SITE, NEAR TANK NO-I  
NEW TOWN, RAJARHAT, KOLKATA - 700 156  
Ph No : 8335840435  
Email: cwtlphe@gmail.com

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## TEST REPORT

Issued to: M/S N.K. ENTERPRISE  
NABANIR APARTMENT, F-3/2 3RD FLOOR  
MOHISHGOTE, DHALIPARA, P.O-KRISHNAPUR  
P.S-NEWTOWN, KOLKATA- 700 102

Report No: DEC/21-06  
Date: 10.12.2021  
Ref Memo No:

### Sample Particulars:

Sample Description : Drinking Water  
Source & Place of Sampling: Iron Removal Plant, CRPF Siliguri

Customer ID: CWTL/CID-21/036  
Type of Sample: Water Sample

Test Parameters: Chemical Analysis Report of Water (Limit as per IS : 10500:2012).

Dt. Of Receive of Sample : 07.12.2021

Date of completion : 09.12.2021

Dt. Of Starting of Analysis: 07.12.2021

Sample tested as received

Sample Collected by: Customer

## CHEMICAL TEST RESULTS

Sl. No.	Test Parameters	Unit	Test Methods	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate Source	Results
				As per IS 10500 : 2012		
1.	pH	---	IS 3025 (Part 11)1983, RA 2017 Electrometric method	6.5-8.5	6.5-8.5	6.76
2.	Total dissolved solids	mg/L	IS 3025 (Pt 16)1984, RA 2017 Gravimetric Method	500.00	2000.00	106
3.	Iron	mg/L	IS 3025 (Pt 53)2003, RA 2014 1-10 Phenanthroline Method	1.0	No Relaxation	<0.1
4.	Turbidity	NTU	IS 3025 (Pt 10)1984, RA 2017 Nephelometric Turbidity Meter	1.00	5.00	1.06
5.	Fluoride	mg/L	APHA 4500-F C. Ion selective Electrode Method	1.00	1.50	<0.1
6.	Chloride	mg/L	IS 3025 (Part 32)1988, RA 2014 Argentometric Method	250.00	1000.00	22.80
7.	Alkalinity	mg/L	IS 3025 (Part 23)1986, RA 2014 Indicator Method	200.00	600.00	28.14
8.	Arsenic	mg/L	IS 3025 (Part 37)1988, RA 2014 Silver Diethyl Dithiocarbamate method	0.01	No Relaxation	<0.01
9.	Residual Free Chlorine	mg/L	IS 3025 (Part 26)1986, RA 2014 Iodometric Method	0.20	1.00	<0.1
10.	Total Hardness	mg/L	IS 3025 (Part 21): 2009, RA 2014 EDTA Titrimetric Method	200.00	600.00	26.68

Remarks:

Checked By

Executive Engineer  
N.T.K. W.S. Div-I

Authorized Signatory  
Central Water Testing Laboratory

- The Result Relate only to the item(S) Tested.
- The Test Report cannot be reproduced except in full, Without the Permission of Executive Engineer, New Town Kolkata Div - 1 Or Quality Manager.
- Sample not drawn by us.



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## TEST REPORT

**Issued to:** M/S N.K. ENTERPRISE  
NABANIR APARTMENT, F-3/2 3RD FLOOR  
MOHISHGOTE, DHALIPARA, P.O-KRISHNAPUR  
P.S-NEWTOWN, KOLKATA- 700 102

**Source :** Iron Removal Plant, CRPF Siliguri

**Received Date of Sample :** 07.12.2021

**Starting Date of Analysis:** 07.12.2021

**Date of completion :** 08.12.2021

### BACTERIOLOGICAL TEST RESULTS

Sl. No.	Test Parameters	Test Methods	Requirement (Acceptable Limit) (IS 10500 2012) /(CPHEEO)	Permissible Limit in the absence of alternate Source (IS 10500 2012) /(CPHEEO)	Results (Sample tested as received)
1.	Total Coliform	CFU/100 ml	Absent/Absent	Absent/Absent	NF
2.	Fecal Coliform	CFU/100 ml	Absent/Absent	Absent/Absent	NF

CFU : Colony Forming Unit, NF : Not Found, TNTC: Too Numerous To Count

Remarks:

*S. Nigazi*

Bacteriologist

Central Water Testing Laboratory

NTKD - I P.H.E. Dte.

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