

.Form – IV
(See rule13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No	Particulars		
1 .	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or : operator of facility)	:	Mr. Komal Dutta Dashora
	(ii) Name of HCF or CBMWTF	:	North Bengal Clinic
	(iii) Address for Correspondence	:	Medhnad Saha Sarani, Pradhan Nagar, Siliguri-734003, Dist. Darjeeling.
	(iv) Address of Facility	:	Medhnad Saha Sarani, Pradhan Nagar, Siliguri-734003, Dist. Darjeeling.
	(v)Tel. No, Fax. No	:	0353-2518667 0353-2517854
	(vi) E-mail ID	:	nilkanta.burman@medicasynergie.in bikrantkumar.gupta@mnbc.in
	(vii) URL of Website		www.medicanorthbengalclinic.com
	(viii) GPS coordinates of HCF or CBMWTF		NA
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: A28/WPB/SRO/BMA/Dar/N-14-2016. Valid up to 31-3-2024
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to:31-3-2024
2.	Type of Health Care Facility	:	Multi specialty Hospital
	(i) Bedded Hospital	:	No. of Beds:140
	(ii) Non-bedded hospital	:	

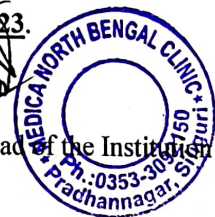
	Laboratory (Clinic or Blood Bank or Clinical y or Research Institute or Veterinary Hospital or any other)		NA
	(iii) License number and its date of expiry		NA
3.	Details of CBMWTF	:	NA
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	NA Kg per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	NA Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category :688.9783 Kg. Red Category :1145.996 Kg. White :51.89583 Kg. Blue Category :187.3104 Kg. General Solid waste: 380 Kg.
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage facility	:	Size : 9' * 8' * 6' (General solid waste) : 4' * 4' * 6' (Yellow) : 4' * 4' * 6' (Red) : 3' * 3' * 6' (White/PPC). Capacity: 432 cubic feet (General Solid waste). : 96 cubic feet (Yellow) : 96 cubic feet (Red) : 54 cubic feet (Blue / PPC) Provision of on-site storage: YES (cold storage or any other provision) Categorized color coded locked BMW rooms

disposal facilities		Type of treatment equipment	No of units	Capacity	Quantity treated or disposed in kg per annum
(iii) Quantity of recyclable wastes Sold to authorize recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.)			NA
(iv) No of vehicles used for collection and transportation of biomedical waste	:		1	(ONE)	
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity Generated	Incineration Ash ETP Sludge	Where disposed	
(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of			M/s GREENZEN BIO Pvt. Ltd.		
(vii) List of member HCF not handed over bio-medical waste.			NA		
6 Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period			Yes		
7 Details trainings conducted on BMW					
(i) Number of trainings conducted on BMW Management.			59		

	(ii) number of personnel trained	764
	(iii) number of personnel trained at the time of induction	NA
	(iv) number of personnel not undergone any training so far	NIL
	(v) whether standard manual for training is available?	YES
	(vi) any other information)	
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	07
	(ii) Number of the persons affected	07
	(iii) Remedial Action taken (Please attach details if any)	Affected were treated as per policy. Proper counseling & education done on NSI protocol
	(iv) Any Fatality occurred, details.	NO
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	NA
	Details of Continuous online emission monitoring systems installed	
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	ETP installed
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	NA
12	Any other relevant information	: (Air Pollution Control Devices attached with the Incinerator) NA

Certified that the above report is for the period from - January 2023 to December 2023.

Name and Signature of the Head of the Institution



Date:

Place:

ANNUAL REPORT (BIO MEDICAL WASTE GENERATION) JAN' 2023 - DEC' 2023

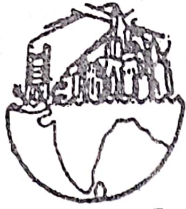
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
YELLOW (1,3,5,6)	615	591	717	772	586.5	689.4	700.6	899.7	832.7	666.9	529.2	667.74	
1 (20.25%)	124.5375	119.6775	145.1925	156.33	118.7663	139.6035	141.8715	182.1893	168.6218	135.0473	107.163	135.2174	1674.21735
3 (10.06%)	61.869	59.4546	72.1302	77.6632	59.0019	69.35364	70.48036	90.50982	83.76962	67.09014	53.23752	67.17464	831.734644
5 (0.60%)	3.69	3.546	4.302	4.632	3.519	4.1364	4.2036	5.3982	4.9962	4.0014	3.1752	4.00644	49.60644
6 (69.09%)	424.9035	408.3219	495.3753	533.3748	405.2129	476.3065	484.0445	621.6027	575.3124	460.7612	365.6243	461.3416	5712.18157
TOTAL	615	591	717	772	586.5	689.4	700.6	899.7	832.7	666.9	529.2	667.74	8267.74
RED (7)	1032	918	925.2	1093.7	1040.8	1185.6	1316	1578.5	1452.1	1173.8	991	1131.65	13753.95
BLUE	132	165	144	147.7	204.7	210.3	233.575	303.5	235.6	162.8	143	165.55	2247.725
PPC/ SHARP (4)	102	50	56	65.8	36.8	35	60.5	48	60.8	38.1	30.5	39.25	622.75
GRAND TOTAL	1881	1724	1842.2	2077.2	1968.8	2120.3	2126.275	2829.7	2581.2	2041.6	1693.7	2004.19	24890.165
CATEGORY NO. 8	17700	17700	17700	17700	17700	17700	17700	17700	17700	17700	17700	17700	212400
CATEGORY NO. 10	354	354	354	354	354	354	354	354	354	354	354	354	4248

[Handwritten Signature]



MONTHLY- AVG	
YELLOW	688.9783
RED	1145.996
BLUE	187.3104
PPC	51.89583
TOTAL	2074.18

All Quantity in Kg



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25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

Format No.BF/FM/38



TC-5850

Test Report

Analysis Report of Exhaust Gases

Report No.: AP/24/005A

Date of Reporting: 18.01.2024

Name and Address of the Industry:	M/s. Medica North Bengal Clinic. Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003.
Date of Sampling: 12.01.2024	Sample Received at Laboratory :13.01.2024
Date of Start of Analysis:13.01.2024	Date of Completion of Analysis: 17.01.2024
Sampling done by:	Mr. T. Ghosh

A. General Information about Stack:	
1. Stack connected to:	Diesel Generator
2. Emission due to:	Burning of H. S. D.
3. Material of construction of stack:	M. S.
4. Shape of stack:	Circular
5. Whether stack is provided with permanent platform/ladder:	Temporary
6. Capacity:	500.0 KVA

B. Physical Characteristic of Stack:	
1. Height of the stack from – I) Ground Level:	9.14 M
II) Roof Level:	----
2. Diameter of the stack at bottom:	----
3. Diameter of the stack at Sampling Point:	0.2032 M
4. Height of the sampling point from ground Level:	5.0 M

C. Analysis/Characteristic of Fuel:	
1. Fuel Used:	H. S. D.
2. Fuel Consumption:	60.0 Litrs / Hr.
3. Calorific value (K-Cal/kg):	Not Available
4. Sulphur content (% by wt):	Not Available
5. Ash content (% by wt):	Not Available

D. General Conditions of Gaseous Emission:	
1. Temperature of Emission (Deg. C):	125
2. Barometric Pressure (mm of Hg):	758
3. Velocity of gas in Stack (M/Sec):	18.71
4. Quantity of gas flow (NM ³ /hr):	1614.8

E. Results of Sampling and Analysis of Gaseous Emission:			
Parameters Analyzed	Specification/Standard Method	Permissible Limits*	Results
Concentration of Sulphur Dioxide (mg/NM ³):	IS : 11255(Pt-2)2019	-	36.9
Concentration of Carbon Monoxide (% v/v):	IS : 13270-2019	< 1.0	< 0.2 by Orsat
Concentration of Carbon Dioxide (% v/v):	IS : 13270-2019	-	7.6 by Orsat
Concentration of Oxides of Nitrogen (mg/NM ³):	IS : 11255(Pt-7)2017	-	73.2
Concentration of Particulate Matter (mg/NM ³):	IS : 11255(Pt-2)2019	150	58.4

F. Pollution Control Device	
Details of Pollution Control Device attached with the stack:	None

G. Technical Details	The Generator is provided with the Acoustic Enclosure. At the time of sampling, the generator was running without load.
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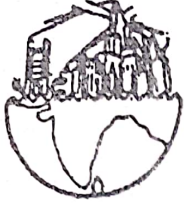
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End of the Report

Authorised Signatory

A. Hoogi
C. E. O. & Technical Manager

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TC-5850

Test Report

Report No. G/24/N/003

Date of Reporting: 18.01.2024

Report of Testing: Monitoring Noise Levels

Name of the Company & Address: M/s. Medica North Bengal Clinic,
Meghnath Saha Sarani, Pradhannagar,
Siliguri, Pin – 734 003

Date of Sampling: 12.01.2024

Sampling Done By : Our Representative (Mr. T. Ghosh)

Results of Noise Level Monitoring

Sl. No.	Location	Distance from the Source (M)	Results dB(A) LEQ
01.	Near D.G Set (Running Condition)	2.0	83.7
02.	Near Parking Area (Front Side)	-	69.7
03.	Near Reception	2.0	68.0
04.	Ground Floor	-	66.2
05.	First Floor	-	68.8
06.	Patient Waiting Room	-	63.5
07.	Near OPD Centre		59.2
08.	Near ICU and OT		58.8

* Permissible Limits as prescribed by Central Pollution Control Board under Environment Protection Rules, 1989: For Ambient Noise: 75 dB(A).

Permissible Limits for Occupational Noise Exposure: **85.0 dB (A) for 8 Hrs. Exposure.**
(OSHA, Part No. 1910; Standard No. 1910.95 for Occupational Noise Exposure).

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-----End of the Report-----

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For Bharat Foundation

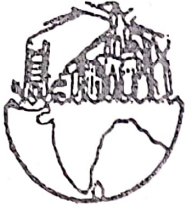
A. Ghosh

A. Ghosh

C. E. O. & Technical Manager

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TC-5850

Test Report

Format No.: BF/FM/40A

Report No. W/24/017

Date of Reporting: 22.01.2024

Name of the Company & Address:	M/s. North Bengal Clinic Pvt. Ltd. Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003, W.B.
Description of the Sample: Water	Reference of Sampling Plan: Not Applicable
Sampling Procedure: Not Applicable.	
Location / Sample Marked As: Ground Water.	
Sample Collected & Submitted by: The Client.	
Date of Sampling: Not Applicable.	Date of Receipt of Sample at Laboratory: 17.01.2024
Date of Start of Analysis : 17.01.2024	Date of Completion of Analysis: 20.01.2024

Test / Analysis Result

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
01.	pH Value (at 25°C)	APHA 23 rd Edition, 4500-H ⁺ B	6.5 to 8.5	No Relaxation	7.74
02.	Turbidity, NTU, Max.	APHA 23 rd Edition, 2130 B.	1	5	<1
03.	Total Iron (as Fe), mg/l, Max.	APHA 23 rd Edition, 3500 Fe B	0.3	No Relaxation	0.15
04.	Total Dissolved Solids mg/l, Max	APHA 23 rd Edition, 2540 C	500	2000	149.0
05.	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 23 rd Edition, 2340 C	200	600	51.6

IS 10500 (2012, R.A. 2018): Norms for drinking water.

----- : END OF THE REPORT : -----

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For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager

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TC-5850

Test Report

Format No.: BF/FM/40

Report No. EW/24/ 057

Date of Reporting: 13.03.2024

Name of the Company & Address:	M/s. Medica North Bengal Clinic. Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003.
Description of the Sample: Effluent Water	Reference of Sampling Plan: Not Applicable.
Sampling Procedure: Not Applicable.	
Location / Source of Sample / Sample Marked As: ETP Outlet	
Sample Collected & Submitted by: The Client.	
Date of Sampling: Not Applicable.	Date of Receipt of Sample At Laboratory: 08.03.2024
Date of Start of Analysis: 08.03.2024	Date of Completion of Analysis: 12.03.2024

Test / Analysis Result

Sl. No.	Parameters	Test Method	Maximum Permissible Limits As Per WBPCB Norms.	Results
01.	pH(at 25°C)	APHA 24 th Edition, 4500 H ⁺ B	5.5 – 9.0	7.85
02.	Chemical Oxygen Demand (mg/l)	APHA 24 th Edition, 5220-B	250	25.5
03.	Biological Oxygen Demand 3 days at 27°C (mg/l)	IS:3025 (Pt.44) 2019	30	14
04.	Total Suspended Solids (mg/l)	APHA 24 th Edition, 2540-D	100	<10.0
05.	Oil & Grease (mg/l)	APHA 24 th Edition, 5520-B	10	< 2.0

-----: END OF THE REPORT:-----

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For Bharat Foundation

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C. E. O. & Technical Manager

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TC-5850

Format No.: BF/FM/40A

Test Report

Report No.: W/23/367

Date of Reporting: 03.11.2023

Name of the Company & Address:	M/s. Medica North Bengal Clinic. Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003.		
Description of the Sample :	Drinking Water.		
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 rd Edition, 1060 B (a)155		
Location/Source of Sampling/Sample Mark:	R. O. Water at Dialysis Room.		
Sample Collected/Submitted By:	Our Representative (Mr. T. Ghosh).		
Date of Sampling: 18.10.2023	Date of Receipt of Sample At Laboratory: 19.10.2023		
Date of Start of Analysis: 19.10.2023	Date of Completion of Analysis: 30.10.2023		

WATER ANALYSIS REPORT

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
1.	pH Value (at 25°C)	APHA 23 rd Edition, 4500-H 'B	6.5 to 8.5	No Relaxation	7.32
2.	Conductivity (at 25°C) (µmhos/cm)	APHA 23 rd Edition, 2120 B.	-	-	16.2
3.	Colour, Hazen Units, Max.	APHA 23 rd Edition, 2120 B.	5	15	< 5
4.	Turbidity, NTU, Max.	APHA 22 ND Edition, 2130 B.	1	5	<1
5.	Residual Chlorine, mg/l, Min	IS:3025(P.26) 1986	0.2	1	< 0.1
6.	Total Dissolved Solids mg/l, Max	APHA 23 rd Edition, 2540 C	500	2000	<10.0
7.	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 23 rd Edition, 2340 C	200	600	<5.0
8.	Calcium (as Ca)mg/l, Max	APHA 23 rd Edition, 3500 Ca B	75	200	<2.0
9.	Magnesium (as Mg) mg/l, Max	APHA 23 rd Edition, 3500-Mg-B	30	100	<2.0
10.	Chloride (as Cl), mg/l, Max.	APHA 23 rd Edition, 4500 Cl-B	250	1000	<2.0
11.	Total Iron (as Fe), mg/l, Max.	APHA 23 rd Edition, 3500 Fe B	0.3	No Relaxation	<0.05
12.	Fluoride (as F), mg/l, Max.	APHA 23 rd Edition, 4500 F-D	1.0	1.5	<0.5
13.	Sulphate (as SO ₄) mg/l, Max	APHA 23 rd Edition, 4500-SO ₄ - ² E	200	400	<5.0
14.	Nitrate (as NO ₃) mg/l, Max	APHA 23 rd Edition, 4500 NO ₃ -E	45	No Relaxation	<0.5
15.	Arsenic (as As) mg/l, Max	APHA 23 rd Edition, 3500 As-B	0.01	0.05	< 0.01
16.	Sodium (as Na), mg/l	APHA 23 rd Edition, 3500 Na-B	-	-	1.2
17.	Potassium (as K), mg/l	APHA 23 rd Edition, 3500 K-B	-	-	0.51

*IS: 10500 (2012, R.A.2018): Norms for drinking water.

-----End of the Report-----

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For Bharat Foundation

A. Neogi

A. Neogi

C. E. O. & Technical Manager

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TC-5850

Format No.: BF/FM/40A

Test Report

Report No.: W/23/366

Date of Reporting: 03.11.2023

Name of the Company & Address: M/s. Medica North Bengal Clinic, Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003.	
Description of the Sample :	Drinking Water.
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 rd Edition, 1060 B (a)
Location/Source of Sampling/Sample Mark: Tap Connected to Aqua Guard Near OPD Centre 1 st Floor.	
Sample Collected/Submitted By: Our Representative (Mr. T. Ghosh).	
Date of Sampling: 18.10.2023	Date of Receipt of Sample At Laboratory: 19.10.2023
Date of Start of Analysis: 19.10.2023	Date of Completion of Analysis: 30.10.2023

WATER ANALYSIS REPORT

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
1	pH Value (at 25°C)	APHA 23 rd Edition, 4500-H *B	6.5 to 8.5	No Relaxation	7.29
2	Colour, Hazen Units, Max.	APHA 23 rd Edition, 2120 B.	5	15	<5
3	Turbidity, NTU, Max.	APHA 22 ND Edition, 2130 B.	1	5	<1
4	Residual Chlorine, mg/l, Min	IS:3025(P.26) 1986	0.2	1	<0.1
5	Total Dissolved Solids mg/l, Max	APHA 23 rd Edition, 2540 C	500	2000	330.0
6	Total Alkalinity (as CaCO ₃) mg/l, Max	IS:3025(Part-23)-1986	200	600	137.0
7	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 23 rd Edition, 2340 C	200	600	121.2
8	Calcium (as Ca)mg/l, Max	APHA 23 rd Edition, 3500 Ca B	75	200	33.9
9	Magnesium (as Mg) mg/l, Max	APHA 23 rd Edition, 3500-Mg-B	30	100	7.8
10	Chloride (as Cl), mg/l, Max.	APHA 23 rd Edition, 4500 Cl-B	250	1000	33.2
11	Total Iron (as Fe), mg/l, Max.	APHA 23 rd Edition, 3500 Fe B	0.3	No Relaxation	0.11
12	Fluoride (as F), mg/l, Max.	APHA 23 rd Edition, 4500 F-D	1.0	1.5	<0.5
13	Sulphate (as SO ₄) mg/l, Max	APHA 23 rd Edition, 4500-SO ₄ -2E	200	400	7.1
14	Nitrate (as NO ₃) mg/l, Max	APHA 23 rd Edition, 4500 NO ₃ -E	45	No Relaxation	<0.5
15	Arsenic (as As) mg/l, Max	APHA 23 rd Edition, 3500 As-B	0.01	0.05	<0.01
16	(**)Total Coliform Count, MPN/100ml	IS: 1622-1981	Absent	Absent	Absent

- IS 10500 (2012, R.A.2018): Norms for drinking water.
- (**): Not under NABL Scope.
- Remarks: The above parameters is conforming the specification IS:10500 for human consumption.

-----End of the Report-----

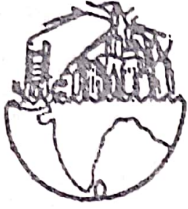
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Authorised Signatory
Bharat Foundation

A. Neogi

A. Neogi
C. E. O. & Technical Manager

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TC-5850

Format No.: BF/FM/40A

Test Report

Report No.: W/23/365

Date of Reporting: 03.11.2023

Name of the Company & Address: M/s. Medica North Bengal Clinic. Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003.	
Description of the Sample :	Drinking Water.
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 rd Edition, 1060 B (a)
Location/Source of Sampling/Sample Mark:	Tap Connected to Aqua Guard Near Maternity Room.
Sample Collected/Submitted By:	Our Representative (Mr. T. Ghosh).
Date of Sampling: 18.10.2023	Date of Receipt of Sample At Laboratory: 19.10.2023
Date of Start of Analysis: 19.10.2023	Date of Completion of Analysis: 30.10.2023

WATER ANALYSIS REPORT

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
1	pH Value (at 25°C)	APHA 23 rd Edition, 4500-II *B	6.5 to 8.5	No Relaxation	7.35
2	Colour, Hazen Units, Max.	APHA 23 rd Edition, 2120 B.	5	15	< 5
3	Turbidity, NTU, Max.	APHA 22 ND Edition, 2130 B.	1	5	<1
4	Residual Chlorine, mg/l, Min	IS:3025(P.26) 1986	0.2	1	<0.1
5	Total Dissolved Solids mg/l, Max	APHA 23 rd Edition, 2540 C	500	2000	352.0
6	Total Alkalinity (as CaCO ₃) mg/l, Max	IS:3025(Part-23)-1986	200	600	149.2
7	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 23 rd Edition, 2340 C	200	600	131.6
8	Calcium (as Ca)mg/l, Max	APHA 23 rd Edition, 3500 Ca B	75	200	37.1
9	Magnesium (as Mg) mg/l, Max	APHA 23 rd Edition, 3500-Mg-B	30	100	8.2
10	Chloride (as Cl), mg/l, Max.	APHA 23 rd Edition, 4500 Cl-B	250	1000	30.4
11	Total Iron (as Fe), mg/l, Max.	APHA 23 rd Edition, 3500 Fe B	0.3	No Relaxation	0.12
12	Fluoride (as F), mg/l, Max.	APHA 23 rd Edition, 4500 F-D	1.0	1.5	<0.5
13	Sulphate (as SO ₄) mg/l, Max	APHA 23 rd Edition, 4500-SO ₄ - ² E	200	400	6.9
14	Nitrate (as NO ₃) mg/l, Max	APHA 23 rd Edition, 4500 NO ₃ -E	45	No Relaxation	<0.5
15	Arsenic (as As) mg/l, Max	APHA 23 rd Edition, 3500 As-B	0.01	0.05	<0.01
16	(**)Total Coliform Count, MPN/100ml	IS: 1622-1981	Absent	Absent	Absent

- IS 10500 (2012, R.A.2018): Norms for drinking water.
- (**): Not under NABL Scope.
- Remarks: The above parameters is conforming the specification IS:10500 for human consumption.

-----End of the Report-----
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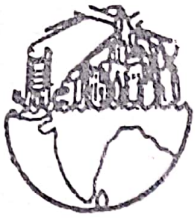
Authorised Signatory
For Bharat Foundation

A. Neogi

A. Neogi
C. E. O. & Technical Manager

◆ Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such water sample(s) are retained for 15 days from completion of test. The samples from regulatory bodies are to be retained as specified. This document cannot be reproduced except in full, without prior written approval of Bharat Foundation.





BHARAT FOUNDATION

(Recognised by WEST BENGAL POLLUTION CONTROL BOARD)

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com



TC-5850

Format No.: BF/FM/40A

Report No.: W/23/364

Test Report

Date of Reporting: 03.11.2023

Name of the Company & Address: M/s. Medica North Bengal Clinic. Meghnath Saha Sarani, Pradhannagar, Siliguri, Pin – 734 003.	
Description of the Sample :	Drinking Water.
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 rd Edition, 1060 B (a)
Location/Source of Sampling/Sample Mark :	Tap connected to Aqua Guard at Kitchen.
Sample Collected/Submitted By:	Our Representative (Mr. T. Ghosh).
Date of Sampling: 18.10.2023	Date of Receipt of Sample At Laboratory: 19.10.2023
Date of Start of Analysis: 19.10.2023	Date of Completion of Analysis: 30.10.2023

WATER ANALYSIS REPORT

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
1	pH Value (at 25°C)	APHA 23 rd Edition, 4500-H ⁺ B	6.5 to 8.5	No Relaxation	7.37
2	Colour, Hazen Units, Max.	APHA 23 rd Edition, 2120 B.	5	15	< 5
3	Turbidity, NTU, Max.	APHA 22 ND Edition, 2130 B.	1	5	< 1
4	Residual Chlorine, mg/l, Min	IS:3025(P.26) 1986	0.2	1	< 0.1
5	Total Dissolved Solids mg/l, Max	APHA 23 rd Edition, 2540 C	500	2000	349.0
6	Total Alkalinity (as CaCO ₃) mg/l, Max	IS:3025(Part-23)-1986	200	600	137.2
7	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 23 rd Edition, 2340 C	200	600	120.9
8	Calcium (as Ca)mg/l, Max	APHA 23 rd Edition, 3500 Ca B	75	200	32.1
9	Magnesium (as Mg) mg/l, Max	APHA 23 rd Edition, 3500-Mg-B	30	100	8.1
10	Chloride (as Cl), mg/l, Max.	APHA 23 rd Edition, 4500 Cl ⁻ B	250	1000	33.8
11	Total Iron (as Fe), mg/l, Max.	APHA 23 rd Edition, 3500 Fe B	0.3	No Relaxation	0.11
12	Fluoride (as F), mg/l, Max.	APHA 23 rd Edition, 4500 F D	1.0	1.5	< 0.5
13	Sulphate (as SO ₄) mg/l, Max	APHA 23 rd Edition, 4500-SO ₄ ⁻² E	200	400	7.5
14	Nitrate (as NO ₃) mg/l, Max	APHA 23 rd Edition, 4500 NO ₃ E	45	No Relaxation	< 0.5
15	Arsenic (as As) mg/l, Max	APHA 23 rd Edition, 3500 As-B	0.01	0.05	< 0.01
16	(**)Total Coliform Count, MPN/100ml	IS: 1622-1981	Absent	Absent	Absent

- IS 10500 (2012, R.A.2018): Norms for drinking water.
- (**): Not under NABL Scope.
- Remarks :The above parameters is conforming the specification IS:10500 for human consumption.

-----End of the Report-----
Page 01 of 01

Authorised Signatory

A. Neogi

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C. E. O. & Technical Manager

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