



### 7.1.3

## Quality Audits on Environment and Energy

SSR, 2019-2024

### Digboi Mahila Mahavidyalaya

*“Environment is no one’s property to destroy; it’s everyone’s responsibility to protect.”*

– Mohith Agadi

Digboi Mahila Mahavidyalaya undertakes an Energy, Environmental, and Green Audit to assess and enhance its sustainability practices. Conducted by accredited environmental organizations, this audit examines energy consumption, waste management, water usage, and overall ecological impact. The resulting report offers a detailed evaluation of the college’s environmental performance, pinpointing areas for improvement and recommending strategies to minimize its ecological footprint. This effort underscores the institution’s dedication to sustainability, regulatory compliance, and fostering a culture of environmental responsibility within the academic community. Here, we have attached the following files as required by DVV suggestion:

1. Complete Audit Reports- Energy, Environmental and Green- 2022-2023, 2023-2024.
2. Registration Certificate of M/s. GreenZone.
3. In-Campus Green Activities with Geo-tagged Photos and Report.

*Blutia*  
28/06/2024  
Principal  
DIGBOI MAHILA MAHAVIDYALAYA

(Dr. Sanjita Chetia)  
Principal  
Digboi Mahila Mahavidyalaya



**ASSAM POWER DISTRIBUTION COMPANY LIMITED**  
**OFFICE OF THE SDE : DIGBOI ELECTRICAL SUB DIVISION**  
**UPPER ASSAM REGION, DIGBOI**  
**DIGBOI-786171**  
**Email: sde.digboi\_esd@apdcl.org**

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**Memo No: SDE/DESD/UAR/APDCL/DMM/2023/218**

**Dated: 22/06/2023**

To,  
The Principal  
Digboi Mahila Mahavidyalaya  
Digboi.

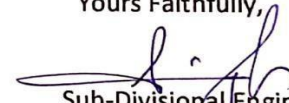
**Sub: Energy Audit of Digboi Mahavidyalaya for the FY 2022-2023**  
**Ref: DMM/Prin/2023-154 Date: 02/06/2023**

Sir/Madam,

With reference to the subject cited above, Please find herewith the energy audit of your electricity connection bearing name Principal Mahila Mahavidyalaya having consumer number 226000001090 for the period of FY 2022-2023. It is prepared to the best to my knowledge.

This is for your kind information.

Yours Faithfully,

  
Sub-Divisional Engineer  
Digboi Electrical Sub-Division  
APDCL, Digboi

Sub-Divisional Engineer  
Digboi Electrical Sub-Division  
APDCL (UAR), Digboi



**ASSAM POWER DISTRIBUTION COMPANY LIMITED**  
**OFFICE OF THE SDE : DIGBOI ELECTRICAL SUB DIVISION**  
**UPPER ASSAM REGION, DIGBOI**

No.:SDE/DESD/APDCL/UAR/2024/DDM/ 180

Date: 21.08.2024

To,  
The Principal,  
Digboi Mahila Mahavidyalaya,  
Digboi, Assam.

Sub: Energy Audit of Digboi Mahila Mahavidyalaya for the FY: 2023-24.

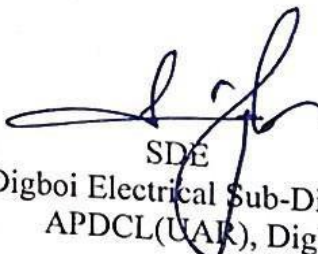
Ref: DMM/Prin/2024/472 Date: 21.08.2024.

Sir,

With reference to the subject cited above, please find enclosed herewith the energy audit of your electricity connection bearing name Principal Mahila Mahavidyalaya having consumer number : 226000001090 for the period FY 2023-24. It is prepared to the best to my knowledge.

This is for your kind information.

Yours sincerely,

  
SDE  
Digboi Electrical Sub-Division  
APDCL(UAR), Digboi

Sub-Divisional Engineer  
Digboi Electrical Sub-Division  
APDCL(UAR), Digboi

**To whom it may concern**

**Green Audit has been done. The college authority systematically done the plantation is being done as rows which increase the beauty & greenery of the campus.**

**An artificial pond is observed with full of water lily flower which gives an extra edge to the beauty of the college campus (photographs attached)**

**There are varieties of plants surrounding the college campus is observed.**

**Finally ,the college situated in a completely green environment**

**Authorized Signatory**



**Greenzone Digboi**



**To whom it may concern**

The environment Audit has been done Ambient Air Quality Monitoring shows that all the parameters is PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>2</sub>, are within the permissible limits. Ambient Air Quality is safe.

Ambient Noise level monitoring implies that both the location are within the prescribed limit. Moreover two nos. of DG Sets are having acoustic enclose & proper fencing. The college authority keeps the Dg sets away from the classroom.

The college supplies safe drinking water after from removal plant along with filter.

The toilets are clean & hygienic as observed

**Authorized Signatory**



**Greenzone Digboi**



greener future...

**M/s. GREENZONE**

Recognised By  
Pollution Control Board, Assam



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## **CERTIFICATE OF RECOGNITION FOR ENVIRONMENTAL AUDIT, 2024**


*This is to certify that Environmental Audit has been done in Digboi Mahila Mahavidyalaya.*

1. *D.G Set Emission & Noise is found within acceptable limit. D.G is enclosed by acoustic enclosure.*
2. *Ambient noise is found within acceptable limit.*
3. *Ambient Air Quality is found good & within acceptable limit.*
4. *Drinking water supplied to the students and staffs is good & safe as per BIS Standard (IS 10500 - 2012).*
5. *Observed completion of rain water harvesting system.*

*We acknowledge the sincere efforts of the College towards environment and wish them all the best for their bright and prosperous future.*

Place - Digboi

Date - 28-06-2024

  
Quality Manager  
Greenzone, Digboi  
Quality Manager  
(Pulakesh Dung)





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**TEST REPORT**

Report No: DW/24/06/00001A  
Sample ID No: GZ/DW-03A/24

Date of Issue: 28/06/2024

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>		
Sample Description	Type: Drinking Water		
Sample collected by	Ajit Roy, Greenzone		
Sample Collection Particulars	Date 19/06/2024	Quantity Drawn: 4 L	Sampling Method: As per Test Record

**ANALYSIS REPORT**

Sample Location: Drinking Water collected from Aquaguard at Office Room of Women's College, Digboi

Sl. No.	Parameters	Results	Desirable Limit
01	Temperature, °C	26	--
02	Colour (Hazen Units)	1 HU	5
03	Odour	Agreeable	Unobjectionable
04	Turbidity, NTU	0 NTU	1
05	pH	7.1	6.5 - 8.5
06	Total Hardness (as CaCO <sub>3</sub> ), mg/l, Max	68.0 mg/l	200
07	Alkalinity (as CaCO <sub>3</sub> ), mg/l, Max	20.0 mg/l	200
08	Iron (as Fe), mg/l, Max	0.12 mg/l	0.30
09	Chlorides (as Cl), mg/l, Max	8.0 mg/l	250
10	Dissolved Solids, mg/l, Max	132.0 mg/l	500
11	Calcium (as Ca), mg/l, Max	19.2 mg/l	75
12	Magnesium (as Mg), mg/l, Max	4.9 mg/l	30
13	Sulphate (as SO <sub>4</sub> ), mg/l, Max	6.0 mg/l	200
14	Nitrate (as NO <sub>3</sub> ), mg/l, Max	0.6 mg/l	45
15	Fluoride (as F), mg/l, Max	BDL mg/l	1.0
16	Arsenic (as As), mg/l, Max	BDL mg/l	0.01
17	Lead (as Pb), mg/l, Max	BDL mg/l	0.01
18	Chromium, , mg/l,	BDL mg/l	0.05
19	Copper, mg/l,	BDL mg/l	0.001
20	Mercury, mg/l,	BDL mg/l	0.001
21	Zinc, mg/l,	0.034 mg/l	5.0
22	Cadmium, mg/l,	BDL mg/l	0.003
23	Cyanide, mg/l,	BDL mg/l	0.05
24	Pesticide, mg/l,	BDL mg/l	0.01
25	Total Coliform, MPN/100ml	Absent MPN/100ml	**
26	Fecal Coliform MPN/100 ml	Absent MPN/100ml	**

BDL-Below Detectable Limit

\*\* - Not to be detected in 100 ml

[Analysis protocol:-IS: 3025]

**NOTE:**

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4. This test report shall not be reproduced wholly or partly and cannot be used as an evidence in the court of law and should not be used in any advertising media without the written permission of M/S GREENZONE ENVIRONMENTAL LABORATORY, Digboi.



Green future...

# M/s. GREENZONE

Recognised By  
Pollution Control Board, Assam



AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

Analyzed by:



Chief Chemist (D N Choudhury)

Reviewed & Authorized by:

*Protim Hazarika*  
Technical Manager  
Greenzone, Digboi

Technical Manager (Protim Hazarika)

**\*\*End of Report\*\***



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**TEST REPORT**

Report No: DW/24/06/00002A

Date of Issue: 28/06/2024

Sample ID No: GZ/DW-04A/24

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>		
Sample Description	Type: Drinking Water		
Sample collected by	Ajit Roy, Greenzone		
Sample Collection Particulars	Date 19/06/2024	Quantity Drawn: 4 L	Sampling Method: As per Test Record

**ANALYSIS REPORT**

Sample Location: Drinking Water collected from Tap Water at Common Drinking place of Women's College, Digboi

Sl. No.	Parameters	Results	Desirable Limit
01	Temperature, °C	26	--
02	Colour (Hazen Units)	1 HU	5
03	Odour	Agreeable	Unobjectionable
04	Turbidity, NTU	1 NTU	1
05	pH	7.2	6.5 - 8.5
06	Total Hardness (as CaCO <sub>3</sub> ), mg/l, Max	74.0 mg/l	200
07	Alkalinity (as CaCO <sub>3</sub> ), mg/l, Max	22.0 mg/l	200
08	Iron (as Fe), mg/l, Max	0.14 mg/l	0.30
09	Chlorides (as Cl), mg/l, Max	10.0 mg/l	250
10	Dissolved Solids, mg/l, Max	148.0 mg/l	500
11	Calcium (as Ca), mg/l, Max	21.2 mg/l	75
12	Magnesium (as Mg), mg/l, Max	5.1 mg/l	30
13	Sulphate (as SO <sub>4</sub> ), mg/l, Max	8.0 mg/l	200
14	Nitrate (as NO <sub>3</sub> ), mg/l, Max	0.8 mg/l	45
15	Fluoride (as F), mg/l, Max	BDL mg/l	1.0
16	Arsenic (as As), mg/l, Max	BDL mg/l	0.01
17	Lead (as Pb), mg/l, Max	BDL mg/l	0.01
18	Chromium, mg/l,	BDL mg/l	0.05
19	Copper, mg/l,	BDL mg/l	0.001
20	Mercury, mg/l,	BDL mg/l	0.001
21	Zinc, mg/l,	0.038 mg/l	5.0
22	Cadmium, mg/l,	BDL mg/l	0.003
23	Cyanide, mg/l,	BDL mg/l	0.05
24	Pesticide, mg/l,	BDL mg/l	0.01
25	Total Coliform, MPN/100ml	Absent MPN/100ml	**
26	Fecal Coliform MPN/100 ml	Absent MPN/100ml	**

BDL-Below Detectable Limit

\*\* -Not to be detected in 100 ml

**[Analysis protocol:-IS: 3025]**

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Pollution Control Board, Assam



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Analyzed by:

Reviewed & Authorized by:



Chief Chemist (D) D Choudhury

*Protim Hazarika*  
Technical Manager  
Greenzone, Digboi

Technical Manager (Protim Hazarika)

**\*\*End of Report\*\***





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**TEST REPORT**

Report No: SE/24/06/00002A  
Sample ID No: GZ/SE-99A/24

Date of Issue: 28/06/2024

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>	
Sample Description	Type: D.G SET Emission Testing	
	Description Of DG- 25 kva	
Sample collected by	Ajit Roy, Greenzone	
Sample Collection Particulars	Date	19/06/2024
	Sampling Method:	As per Test Method

**ANALYSIS REPORT**

03	Material Of Construction	M.S.	
04	Stack Attached To	D.G. SET 25KVA	
		SL No-10103821	
05	Flue Gas Temperature (°C)	99	
06	Type of Fuel Used	HSD	
07	Analysis Result of Flue Gas	Concentration	Limits
		(g/kW-hr)	(g/kW-hr)
		I. NO <sub>x</sub> +HC	0.98      4.0
	II. CO	0.52	3.5

**NOTE:**

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Analyzed by



Chief Chemist (D N D Choudhury)

Revised & Authorized by:

Technical Manager  
Greenzone, Digboi  
Technical Manager(Protim Hazarika)

**\*\*End of Report\*\***



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**TEST REPORT**

Date of Issue: 28/06/2024

Report No: SE/24/06/00001A

Sample ID No: GZ/SE-98A/24

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>		
Sample Description	Type: D.G SET Emission Testing		
	Description Of DG- 25 kva		
Sample collected by	Ajit Roy, Greenzone		
Sample Collection Particulars	Date	Sampling Method:	
	19/06/2024	As per Test Method	

**ANALYSIS REPORT**

03	Material Of Construction	M.S.	
04	Stack Attached To	D.G. SET 25KVA	
		SL No-13037622	
05	Flue Gas Temperature (°C)	98	
06	Type of Fuel Used	HSD	
07	Analysis Result of Flue Gas	Concentration	Limits
		(g/kW-hr)	(g/kW-hr)
		I. NO <sub>x</sub> +HC	4.0
	II. CO	0.48	3.5

**NOTE:**

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Analyzed by:



Chief Chemist (D.N.D Choudhury)

Revised & Authorized by:

Technical Manager  
Greenzone, Digboi  
Technical Manager(Protim Hazarika)

**\*\*End of Report\*\***





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**TEST REPORT**

Report No: AN/24/06/00002A

Date of Report: 28/06/2024

Sample ID No: GZ/AN-56A/24

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>
Sample Description	Type: Ambient Noise Level Monitoring
	Source: Ambient Noise of Near Basketball Court of Women's College, Digboi
Sample collected by	Ajit Roy, Greenzone
Sample Collection Particulars	19/06/2024

**ANALYSIS REPORT**

Sl. No.	Location	Maximum (dB-A)	Minimum (dB-A)	Leq (dB-A)
1.	Near Basketball Court	64.9	48.1	51.4

**NOTE:**

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Analyzed by:

Reviwed & Authorized by:



Chief chemist (D. B. D. Choudhury)

*Protim Hazarika*  
Technical Manager  
Greenzone, Digboi

Technical Manager (Protim Hazarika)

**\*\*End of Report\*\***



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**TEST REPORT**

Report No: AN/24/06/00001A  
Sample ID No: GZ/AN-55A/24

Date of Report: 28/06/2024

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>
Sample Description	Type: DG Noise Monitoring
Sample collected by	Ajit Roy, Greenzone
Sample Monitoring Date	19/06/2024

**ANALYSIS REPORT**

SI NO	Location(s)	Date of Measurement	Max (dB-A)	Min (dB-A)	Leq (dB-A)
01	D.G Set No.1/25 KVA & D.G Set No.2/25 KVA (D.G On)	19.06.2024	72.6	70.1	71.4
02	D.G Set No.1/25 KVA & D.G Set No.2/25 KVA (D.G Off)	19.06.2024	52.7	47.8	49.8

**NOTE:**

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Analyzed By:

Revised & Authorized By:



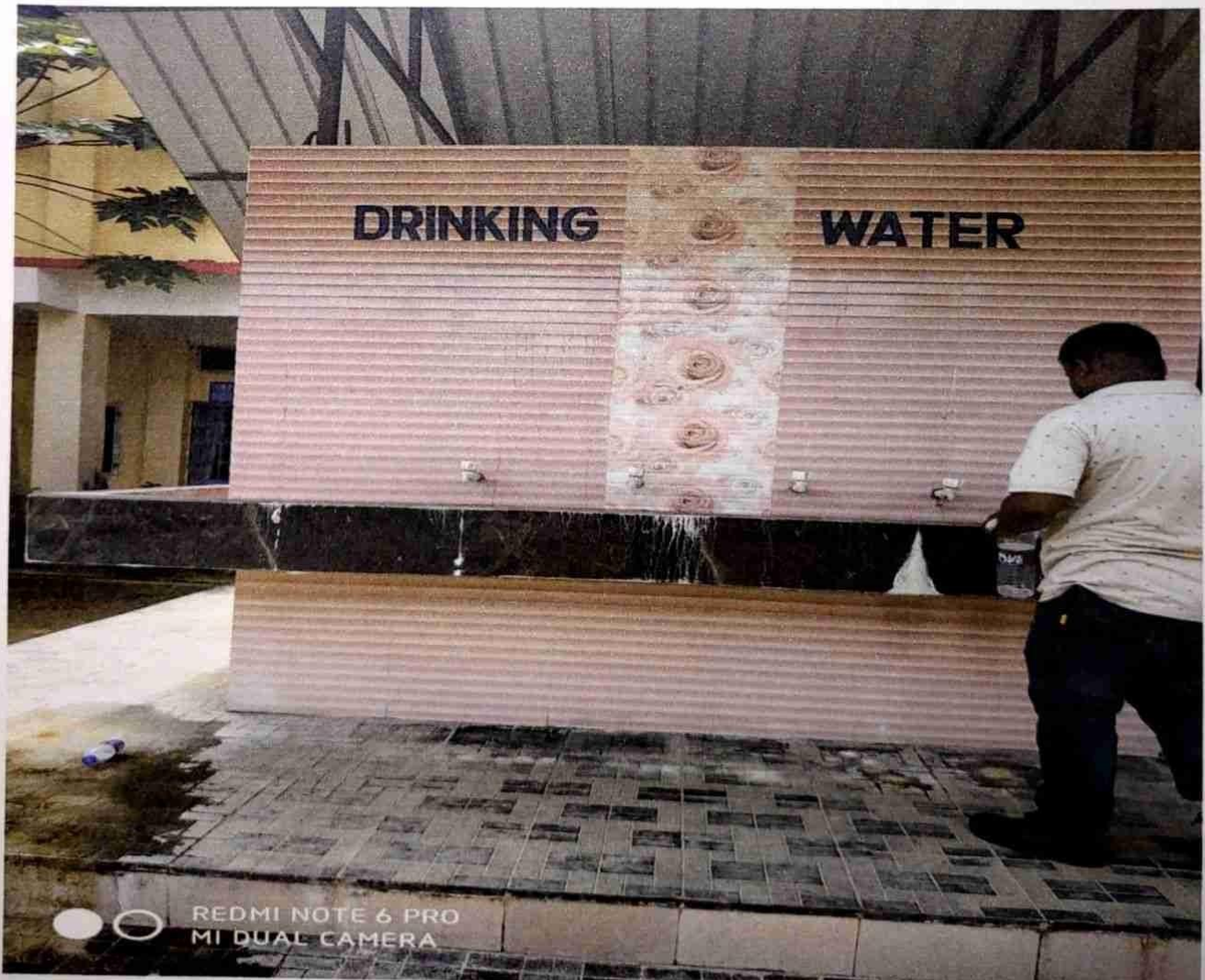
Chief Chemist (D. N. D. Choudhury)

*Protim Hazarika*  
Technical Manager  
Greenzone, Digboi

Technical Manager (Protim Hazarika)

**\*\*End of Report\*\***









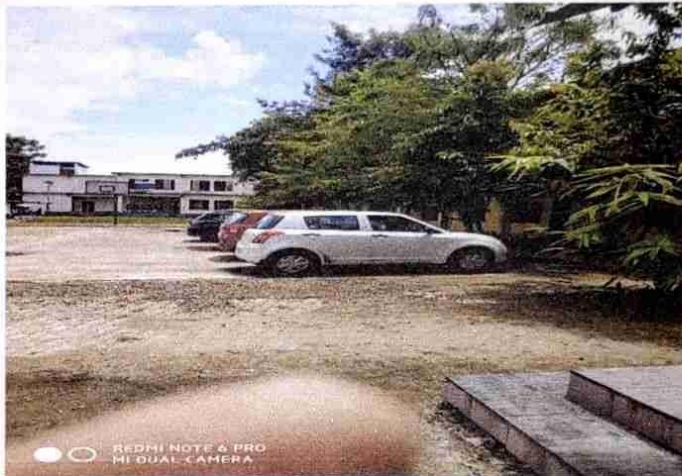
**M/s. GREENZONE**

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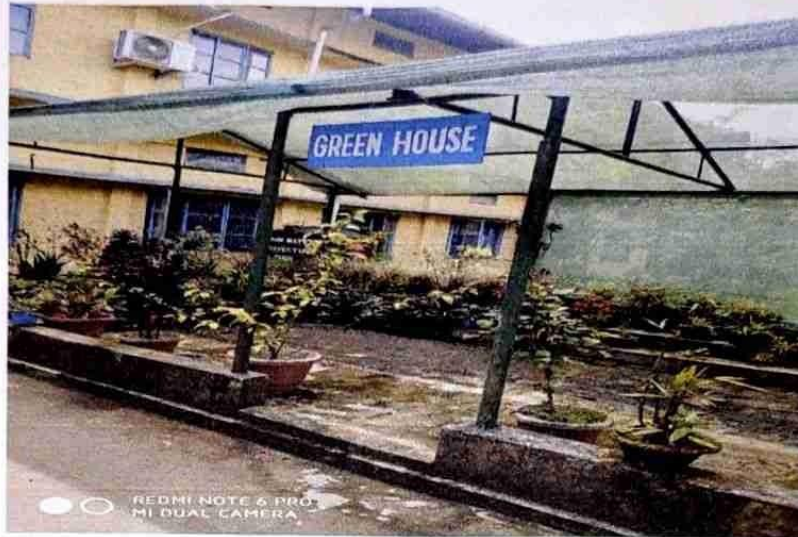
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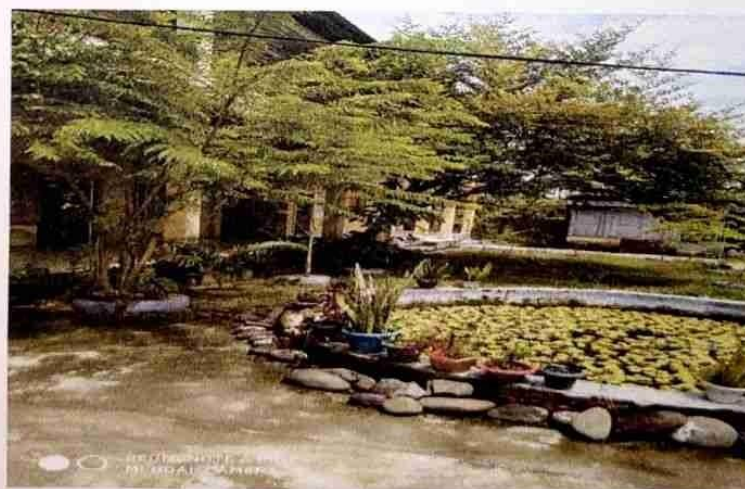
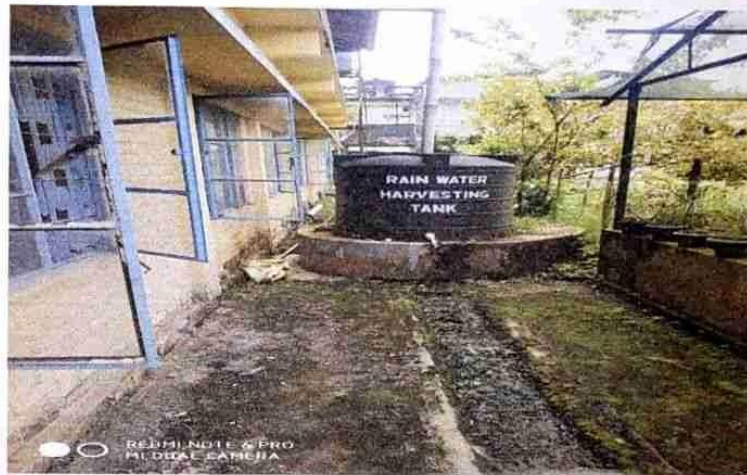
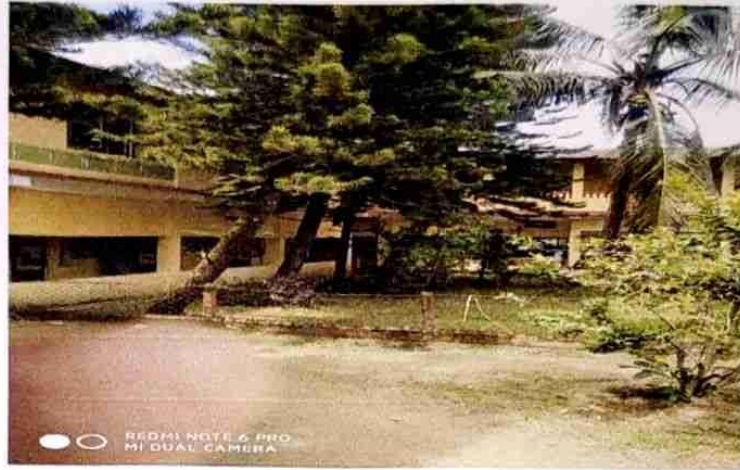
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**TEST REPORT**

Report No: AAQ/24/06/00002A

Sample ID No: GZ/AAQ-51A/24

Date of Issue: 28/06/2024

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>				
Sample Description	Type: Ambient Air				
	Source: Near Backside of College Inside Campus of Women's College, Digboi				
Sample collected by	Ajit Roy, Greenzone				
Sample Collection Particulars	Date 19/06/2024	Time 9.00A.M	Temperature 30°C	Hours 24 Hours	Sampling Method: As per Test Method

**ANALYSIS REPORT**

Sl. No.	Parameters	Results	Test Method	Limit as per CPCB
01	Particulate Matter (PM <sub>10</sub> )	36.0 (µg /m <sup>3</sup> )	IS 5182 Part 23 Gravimetric:2006	100
02	Particulate Matter (PM <sub>2.5</sub> )	10.2 (µg /m <sup>3</sup> )	IS 5182 Part 24 : 2019	60
03	Sulphur Dioxide(SO <sub>2</sub> )	9.6 (µg /m <sup>3</sup> )	IS 5182 Part 6 : 2006	80
04	Nitrogen Dioxide (NO <sub>2</sub> )	13.2 (µg /m <sup>3</sup> )	IS 5182 Part 2: 2001	80

**NOTE:**

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Analyzed By:

Revised & Authorized by:



Chief Chemist (D N D Choudhury)

Technical Manager  
Greenzone, Digboi

Technical Manager (Protim Hazarika)

**\*\*End of Report\*\***





**M/s. GREENZONE**

Recognised By  
Pollution Control Board, Assam



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**TEST REPORT**

Report No: AAQ/24/06/00001A

Sample ID No: GZ/AAQ-50A/24

Date of Issue: 28/06/2024

Name & Address of Client	<b>WOMEN'S COLLEGE, DIGBOI</b>				
Sample Description	Type: Ambient Air				
	Source: Near Infront of Women's College Digboi				
Sample collected by	Ajit Roy, Greenzone				
Sample Collection Particulars	Date 19/06/2024	Time 9.00A.M	Temperature 30°C	Hours 24 Hours	Sampling Method: As per Test Method

**ANALYSIS REPORT**

Sl. No.	Parameters	Results	Test Method	Limit as per CPCB
01	Particulate Matter (PM <sub>10</sub> )	38.0 (µg /m <sup>3</sup> )	IS 5182 Part 23 Gravimetric:2006	100
02	Particulate Matter (PM <sub>2.5</sub> )	10.6 (µg /m <sup>3</sup> )	IS 5182 Part 24 : 2019	60
03	Sulphur Dioxide(SO <sub>2</sub> )	9.4 (µg /m <sup>3</sup> )	IS 5182 Part 6 : 2006	80
04	Nitrogen Dioxide (NO <sub>2</sub> )	12.8 (µg /m <sup>3</sup> )	IS 5182 Part 2: 2001	80

**NOTE:**

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Analyzed By:



Chief Chemist (D N D Choudhury)

Revised & Authorized by:



Technical Manager  
Greenzone, Digboi

Technical Manager (Protim Hazarika)

**\*\*End of Report\*\***





No. WB/LAB-181/15-16/98

Dated Guwahati the 11<sup>th</sup> Sept, 2023

**OFFICE ORDER**

In exercise of the powers conferred under section 17(2) of the Water (Prevention & Control of Pollution) Act, 1974 and section 17(2) of the Air (Prevention & Control of Pollution) Act, 1981, the Pollution Control Board, Assam is pleased to renew the recognition of the Laboratory in favour of **M/s. Greenzone Environmental Laboratory, Janata Road, Digboi, Tinsukia, Assam** awarded vide Pollution Control Board, Assam order No. WB/LAB-181/15-16/98 dtd. 22.08.2023. This Renewal of recognition is awarded for the purpose of analyzing certain parameters discharged from the Industries or any other Institutions and shall be valid till **19.06.2025**. The Board has approved following parameters as follows:

**A. Water & Waste Water:**

Sl. No.	Parameters	Sl. No.	Parameters
1	pH	31	Lead
2	Temperature	32	Copper
3	TSS	33	Nickel
4	Zinc	34	Cr (Total & Hexa)
5	BOD	35	Cadmium
6	COD	36	Aluminium
7	Total Dissolved Solids	37	Manganese
8	Chloride	38	Arsenic
9	Sulphate	39	Pesticides
10	Oil & Grease	40	Total Acidity
11	Sodium	41	DO
12	Phenol	42	Cobalt
13	Odour	43	Vanadium
14	Turbidity	44	Molybdenum
15	Alkalinity	45	Silver
16	Conductivity	46	Hydrazine
17	Total Hardness	47	Silica
18	Calcium	48	Colour
19	Magnesium	49	Anionic Detergent
20	Nitrate-Nitrogen	50	Corrosivity
21	Sulphite	51	Ignitability
22	Fluoride	52	Reactivity
23	Residual Free Chlorine	53	Cyanide
24	Total Residual Chlorine	54	DDT
25	Boron	55	Trihalomethanes
26	Free Ammonia	56	Selenium
27	Ammonical Nitrogen	57	Mercury (Hg)
28	TKN	58	Taste
29	Phosphate (Dissolved)	59	Potassium
30	Iron		

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**B. Bacteriology & Bio-assay**

1. Total Coliform
2. Fecal Coliform
3. E-Coliform
4. Bio-Assay (Toxicity)

**C. Noise Parameters:**

Noise Level Monitoring – Noise in dB(A)

**D. Ambient Air Parameters**

Sl. No.	Parameters	Sl. No.	Parameters
1	Oxides of Sulphur	11	Nickel
2	Oxides of Nitrogen	12	Mercury
3	SPM – PM <sub>10</sub> & PM <sub>2.5</sub>	13	Hydrogen Sulphide
4	Ozone	14	Toluene
5	Lead	15	Carbon Dioxide
6	Carbon Monoxide	16	Total Hydrocarbon
7	Ammonia	17	VOC
8	Benzene	18	Chromium
9	Benzo (a) Pyrine	19	Silicon
10	Arsenic		

**E. Stack Parameters:**

Sl. No.	Parameters
1	Oxides of Sulphur
2	Oxides of Nitrogen
3	Particulate Matter
4	Oxygen
5	Carbon Monoxide
6	Total Hydrocarbon
7	Hydrogen Sulphide
8	Carbon Dioxide
9	VOC

**F. Soil Parameters:**

Sl. No.	Parameters	Sl. No.	Parameters
1	pH	7	SAR in Soil extract
2	Cation exchange capacity	8	Water holding capacity
3	Electrical Conductivity (EC)	9	Organic Carbon (Available)
4	Mechanical Soil Analysis (Soil texture)	10	Specific gravity – density
5	Nitrogen Available	11	Field capacity
6	Potash Available	12	Wilting capacity

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**G. Terms & Conditions:**

1. The recognition may be revoked or withdrawn subject to the violation of the following conditions :-
  - i. The laboratory shall carry out analysis only for the parameters authorized by the Board as mentioned in the certificate of approval.
  - ii. The laboratory shall carry out analysis of samples as per IS, APHA code of Federal Regulation and should specify the method in the analysis report.
  - iii. The laboratory will keep a proper record of receipt of samples, the analysis report of all the parameters analyzed.
  - iv. The laboratory will collect samples, which will be divided in two parts. One part will be analyzed, while the other part will be preserved for thirty days. For air samples, the used thimbles and filter papers will be preserved for six (6) months so that the Board can check randomly and verify the credibility.
  - v. The Board officials may visit laboratory for checking preserved samples.
  - vi. The Laboratory shall submit information on whether ETPs/APCDs installed by the respective unit was running or not along with test report. The analysis report shall reflect site conditions and capacity at which the industry was running at the time of sampling.
  - vii. Records pertaining to inventory of the chemicals/ reagents shall be kept properly on a permanent register and will be subject to inspection by the Board.
  - viii. Laboratory will submit details of staffs involved in sampling and testing and the person coming for collection of sample should have authority letter of Laboratory.
  - ix. Prior information is to be given to the concerned Regional Officers and Head Office for collection of sample.
  - x. **The approval shall be suspended or cancelled if the Board has reason to believe that the data reported by the Laboratory is repeatedly erroneous. Further the Laboratory and its key personnel shall be liable to be proceeded against for imposition of penalty in case the Board has reason to believe that the data reported by the Laboratory is intentionally manipulated.**
  - xi. If the laboratory fails to achieve the satisfactory performance regarding testing of the coded samples supplied by the Pollution Control Board, Assam will result in withdrawal of recognition.
  - xii. The instruments/equipment should be always kept in working and perfectly calibrated condition.
  - xiii. The Laboratory has to submit a brief plan on safety measures undertaken for risk management pertaining to the work environment.
  - xiv. Board will have every right to accept or reject the analytical and other reports submitted by the aforesaid laboratory without assigning any reason thereof.
2. This order will remain valid upto **19.06.2025 with effect from the date of issue of this order** subject to the outcome of Hon'ble Gauhati High Court Order in WP(C) - 8468/2018. But the said recognition may also be withdrawn at any time in case of violation of any of the aforementioned conditions or for any other unlawful activities, which are not proper under the law of the land.
3. The Laboratories should maintain certified Reference Materials/Standard reference materials along with valid Certificate of Analysis (CoA) related to the parameters for which recognition is granted.
4. The Laboratories should calibrate all utility equipment, volumetric glassware and sampling instruments through NABL accredited Calibration Laboratory periodically and shall maintain records with traceability. The Laboratories should also perform internal calibration checks during validity of calibration period.
5. The Laboratories should properly prepare standard curves periodically as per their used method depending on analyse concentration range and shall perform standard checks during testing.
6. The Laboratories should maintain documents on Method Validation, Detection Limits (LOD, LOQ) Measurement Uncertainty etc.

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7. The Laboratories should perform Internal Quality Control programme like repeat testing, remnant testing, participation in Inter Laboratory Comparison (I.L.C)/Proficiency Testing (PT) Programme, Intra- Laboratory Comparison etc.
8. The Laboratories should maintain the system of coding of samples to ensure impartiality and confidentiality in test procedure.
9. The Laboratories should maintain dedicated Log Books for Instruments and Analysis Registers of each parameter.
10. The Laboratories should maintain Stock Registers for chemicals, glassware, thimbles, Filter Papers to verify stock position, consumption pattern, reordering level etc.
11. Standard method documents (e.g APHA methods, IS methods, USEPA methods etc.) should be made accessible to the laboratory personnel and the Standard Operating Procedures/ Work instructions of analytical processes should be made available at working areas.
12. The Laboratories to which recognition for PM<sub>2.5</sub> parameter in Ambient Air has been granted, should possess Electronic Balance of having readability minimum upto 5<sup>th</sup> place of decimal.
13. The Laboratories should train their personnel on regular intervals for capacity building on sampling methodology and analytical procedure to ensure quality analysis.
14. The Laboratories should upgrade instrumental analysis (handling, operation and practice) for successful implementation of standards to improve data quality.
15. If any Laboratory is not equipped with proper facilities and infrastructure to execute the test/analysis, the same should be informed to the State Board with fifteen (15) days of the discontinuation of test.
16. The Laboratories should not change the location without prior intimation to the State Board and in case of any change of address, the concerned Laboratory should inform the State Board with fifteen (15) days of closure of activity in the address.
17. Information of any Kinship and any relation of any Laboratory owner with any State Board employee must be disclosed to the State Board.
18. The Laboratories should not engage itself to any activity unlawful under the law of the land.
19. The Laboratories may obtain NABL accreditation as per ISO/IEC 17025:2017 for the parameters for which recognition has been recommended.

This order has been passed as per the approval of Competent Authority.

(Shantanu Kr. Dutta)  
Member Secretary

Memo No. WB/LAB-181/15-16/98-A

Dated Guwahati the 11<sup>th</sup> Sept, 2023

Copy to:

1. The ACES, Central Laboratory, PCBA for information & necessary action.
2. ✓ M/s. Greenzone Environmental Laboratory, Janata Road, Digboi, Tinsukia, Assam for information and necessary action.

  
Member Secretary





## OBSERVANCE OF WORLD ENVIRONMENT DAY

On 5<sup>th</sup> June, 2022 Digboi Mahila Mahavidyalaya celebrated world Environment Day. The programme was organised by the NCC Unit & IQAC of Digboi Mahila Mahavidyalaya. As per the DHE direction the programme was celebrated by two activities Tree Plantation and exhibition on 'only one Earth'. Besides Lion's club of Digboi also collaborate to organised a extempore speech among the students. NSS unit & Women Cell of Digboi Mahila Mahavidyalaya organised a awareness Rally. The programme was inaugurated by Dr. Sanjita Chetia, Principal, Digboi Mahila Mahavidyalaya by planting one sapling. Besides saplings were also planted by Dr. Prabhat Sarmah, Secretary, Lions Club, Digboi and the other members of Lion Club, Digboi. Many faculty Members and nearby 100 students were present in this celebration.



## CLEAN INDIA CAMPAIGN

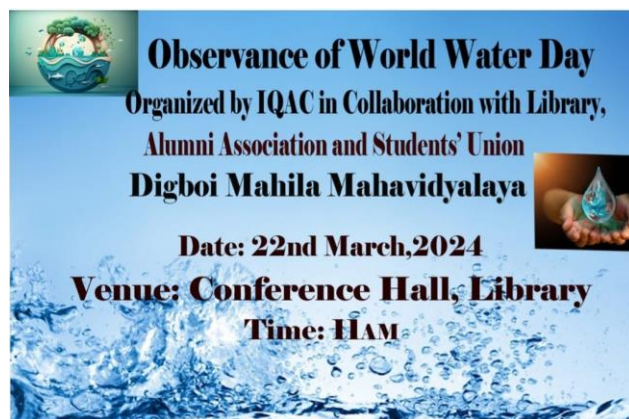
The NSS Unit of Digboi Mahila Mahavidyalaya was organized Clean India Campaign on 14th October, 2022. Students and volunteers attended together to clean classrooms, corridors, common areas, and other parts of the campus. The garbage collected was approximately 15 Kg's, and was handed over to the Municipal cooperation. 105 volunteers participated in the campaign.





## **WORLD WATER DAY CELEBRATION**

On 22th March 2024, World Water Day was celebrated at Digboi Women's College in collaboration with the Internal Quality Assurance Cell of the college and the library, alumni association and students' union. The World Water Day celebration was held at the library of the college. The teachers, staff and students of the college were present at the meeting. The event was attended by the General Secretary of the college, Dipamani Basumatari. Debate and Literature Secretary Ranjana Sharma. The program was inaugurated by Dr. Sanjita Chetia, Principal of the College with an inaugural speech. Afterwards, Dr. Pankaj Luchan Gogoi, Coordinator, Internal Quality Assurance Cell of the college delivered the keynote address. In his speech, Dr. Gogoi discussed in detail the recent and future water issues facing the world, climate change, global warming, sustainability development and the role of the new generation. After his speech, a speech competition was held among the students on the topic of "Water Conservation" in conjunction with World Water Day. The competition was judged by Assistant Professor Ranjita Shaikia of Assamese Department and Ankita Shaikia of Community Science Department. After the competition, Sahiba Rukchar Khanam was declared first, Ranjana Sharma second, Meenam Chankrang third and Parvati Mandi Nichukni. The World Water Day celebration was successfully ended with the presence and cooperation of the teachers and students of the college.





### Swachhtahi Sewa Campaign 29/09/2023



NSS Unit, Digboi Mahila Mahavidyalaya organized cleanliness drive programme on the occasion of swachhta hi sewa campaign on 29th September, 2023 at college field. The programme was attended by Dr. Manik Konch, Programme officer, NSS Unit, Digboi Mahila Mahavidyalaya.