



SEWAGE TREATMENT PLANT REPORT


Standard: 1.1.10

Measurable Indicator: Biomedical Waste Management



BMW WASTE SEGREGATION





BIOMEDICAL WASTE MANAGEMENT REGISTER

Department: _____ Month: _____ Year: _____

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Time of collection																															
Yellow cover (Number emptied)																															
Red cover (Number emptied)																															
Blue Bucket (Empty)																															
White bottle (Empty)																															
Lab Staff sign																															
Supervisor sign																															
Remarks																															
Verified by Lab-in-charge																															

Doc No: AIMS-CL-PP-110	Issue Date: 01-04-2024	Department of Histopathology and Cytopathology	ISO Clause No. 7.4.2
Issue No: 02	Prepared By: _____	Reviewed By: _____	Amend No: ---
Amend Date: ---	Approved By: _____	Issued By: _____	
Consultant Pathologist	Section Head/HOD	Lab Director	Quality Manager

BMW WASTE MONITORING AT THE LEVEL OF COLLECTION



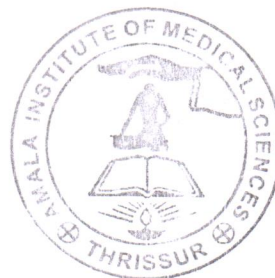


BMW STORAGE AT THE COMMON POINT





BMW STORAGE FOR RED AND YELLOW COVER





GENERAL WASTE STORAGE AREA





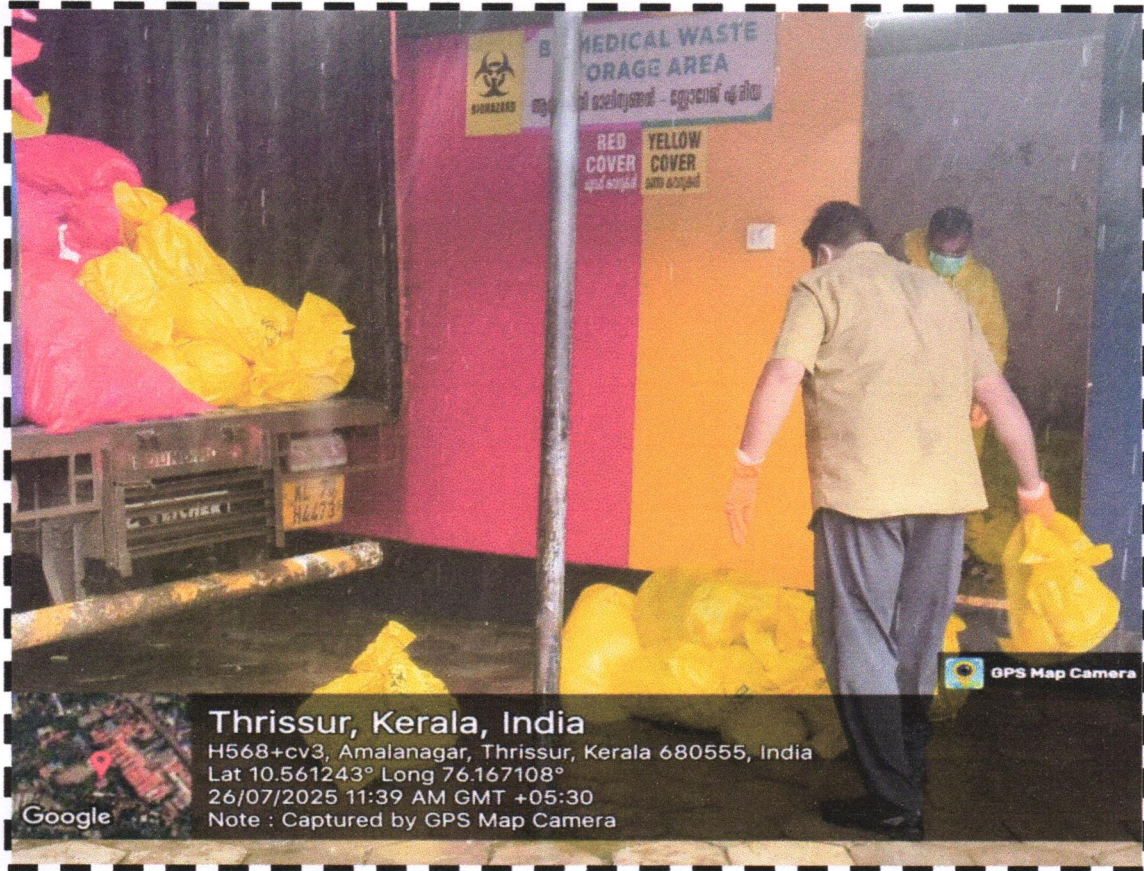
STORAGE AREA FOR GLASS ITEMS AND SHARP ITEMS





BIOHAZARD WASTE STORAGE AREA



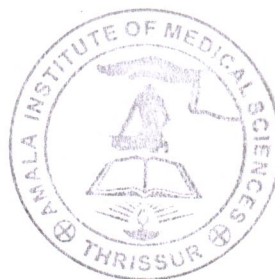






DISPOSAL BY INSTITUTE

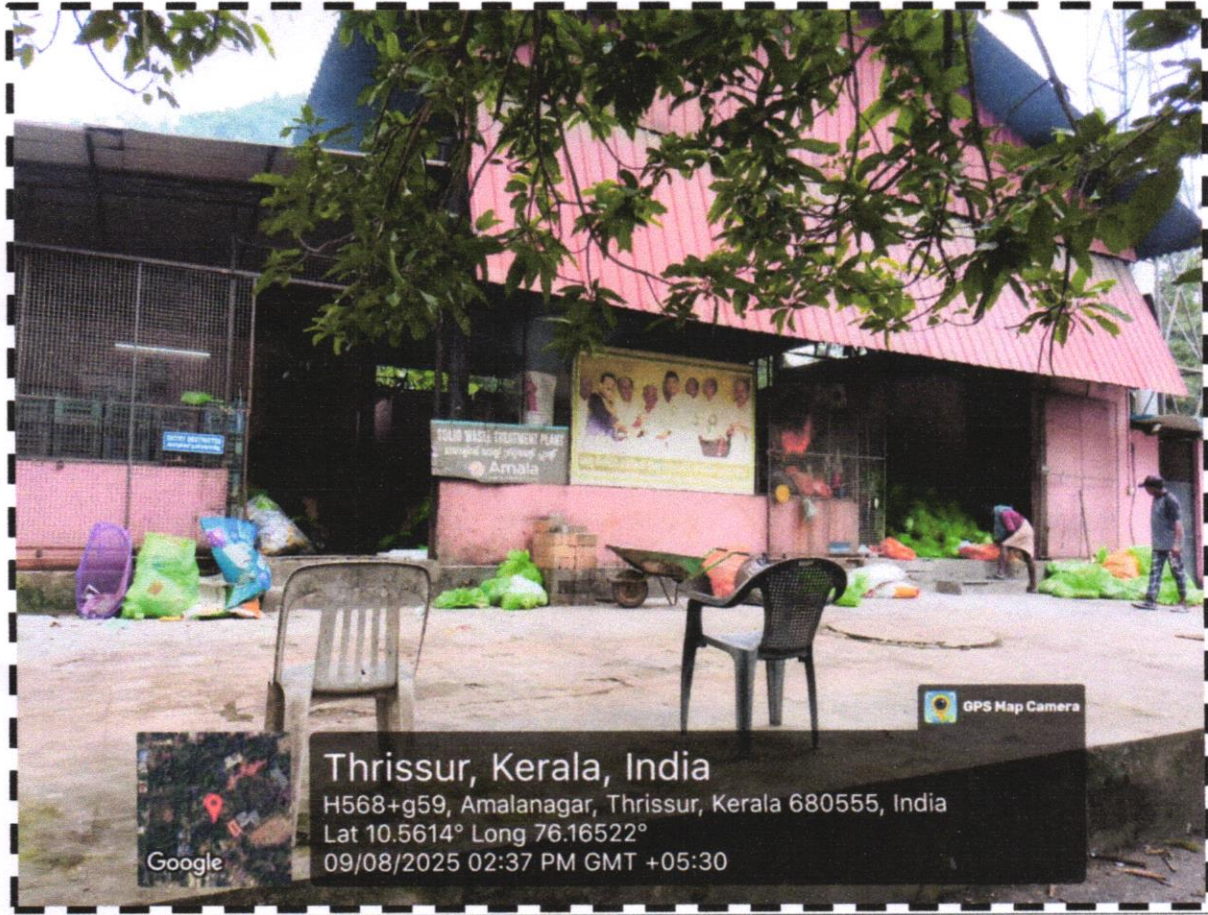




SOLID WASTE TREATMENT PLANT

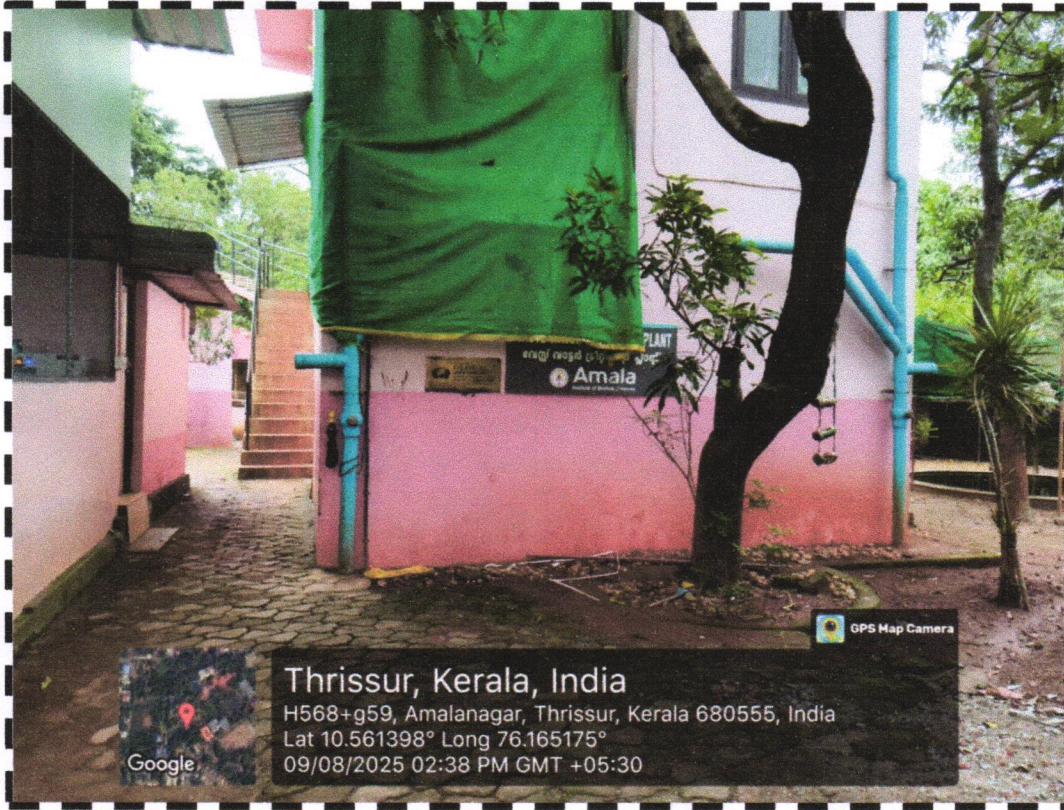


Amala Institute of Medical Sciences (An Undertaking of Amala Cancer Hospital Society)
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SOLID WASTE TREATMENT PLANT





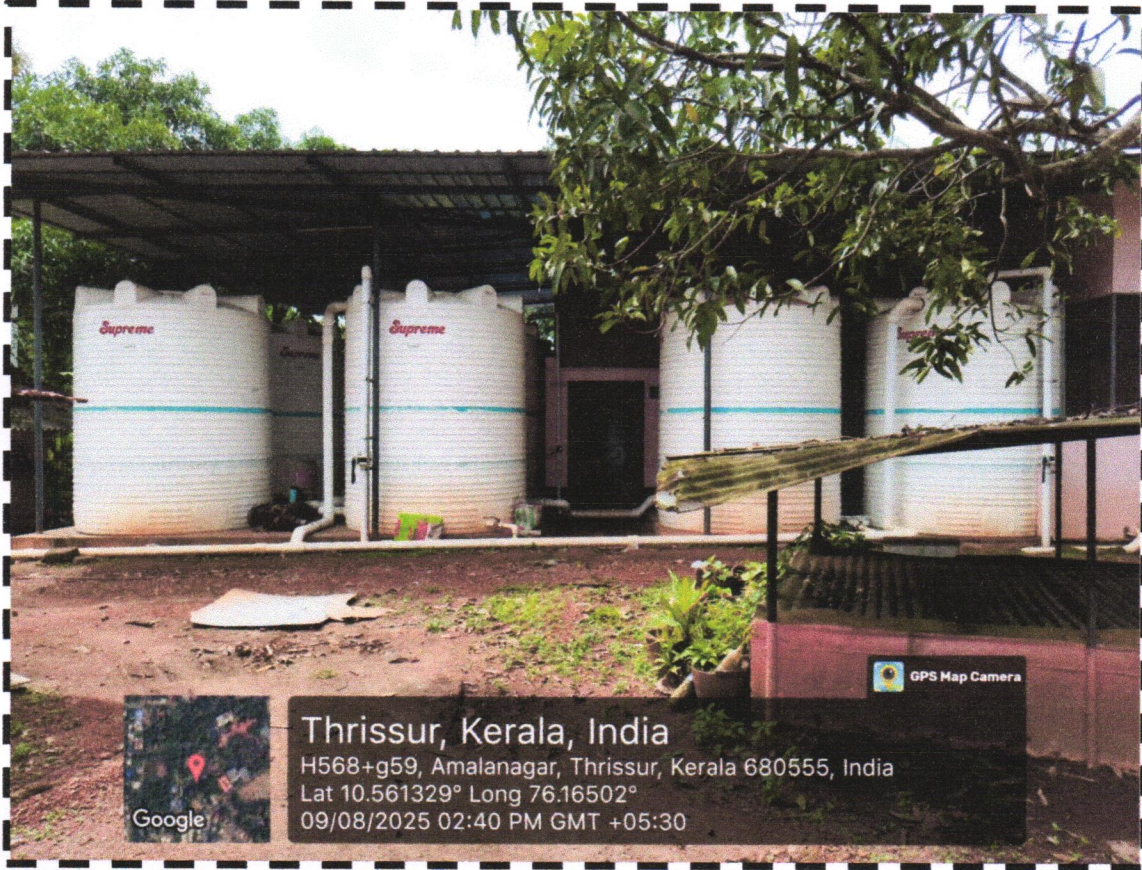
WASTE WATER TREATMENT PLANT



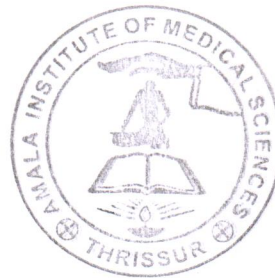




WASTE WATER TREATMENT PLANT





WASTE WATER TREATMENT PLANT



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WASTE WATER TREATMENT PLAN





WATER TREATMENT PLANT

Verified By

Betsy

Dr. Betsy Thomas
Principal



Dr. BETSY THOMAS
MD, FRCOG, DNB, MICOG
PRINCIPAL
AMALA INSTITUTE OF MEDICAL SCIENCES
AMALA NAGAR, THRISSUR-680 555





Amala

INSTITUTE OF MEDICAL SCIENCES
NABH & NABL ACCREDITED, ISO 9001:2015

REDEFINING
CARE
everyday
in every way



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KERALA ENVIRO INFRA STRUCTURE LTD

Bio-Medical Waste Segregation Chart

Category	Type of Waste
<p>YELLOW</p>  	<ul style="list-style-type: none"> • Post Operative Body Parts • Placenta • Plaster of Paris (POP) • Pathological Waste • Cotton Waste • Dressing Materials • Beddings • Body Fluid Contaminated Paper and Cloth • Face Mask, Cap • Cytotoxic, Expired & Discarded Medicines • Microbiology, Biotechnology Lab Waste
<p>RED</p>  	<ul style="list-style-type: none"> • Syringes with out needles • I.V. Set • Catheters • Gloves • Urine Bag • Dialysis Kit • IV Bottles
<p>WHITE (Translucent)</p>  	<ul style="list-style-type: none"> • Needles • Syringes with fixed needles • Blades • Scalpels <p><small>* Use 1% Hypo Chloride Solution for disinfecting Glass & Metal Sharps</small></p>
<p>BLUE</p>  	<ul style="list-style-type: none"> • Glass <ul style="list-style-type: none"> - Broken Glass - Ampoules - Lab Slides • Metals <ul style="list-style-type: none"> - Nails - Metallic Body Implants - Scissors <p><small>* Use 1% Hypo Chloride Solution for disinfecting Glass & Metal Sharps</small></p>

This health care institution's biomedical waste is handled by kerala enviro infrastructure limited.
For New Registration : 8714658618 For Material Purchase :8714658617

Help line numbers :

Ernakulam & Idukki : 9400281960 Pathanamthitta : 8714658619
Malappuram & Thrissur :9400281961 Kottayam : 8714658620
Alappuzha : 8714658621



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Approved by Kerala State Pollution Control Board

TEST REPORT

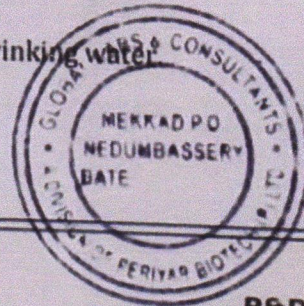
Client Address : AMALA INSTITUTE OF MEDICAL SCIENCES, THRISSUR.
Source of Sample : WTP Filter Out
Sample Collected by : Global Services
Date of Collection : 29.08.2025
Ref.No : GLC/D/50830218
Period of Analysis : 30.08.2025 - 02.09.2025
Prepared on : 02.09.2025

CHEMICAL ANALYSIS REPORT

Sl. No	Characteristics	Unit	Methods	Desirable Limits	Actual Contents
1	pH		IS:3025(Pt.11)2022	6.5-8.5	6.8
2	Conductivity	µs/cm	IS:3025(Pt.14)2013	800	190
3	Total Dissolved Solids	mg/l	IS:3025(Pt.16)2023	500	114
4	Turbidity	NTU	IS:3025(Pt.10)2023	05	<1
5	Methyl orange alkalinity as CaCO ₃	mg/l	IS:3025(Pt.23)1986	200	30
6	Total Hardness as CaCO ₃	mg/l	IS:3025(Pt.21)2009	200	20
7	Calcium	mg/l	IS:3025(Pt.40)1991	75	8.02
8	Magnesium	mg/l	IS:3025(Pt.46)1994	30	2.9
9	Chloride	mg/l	IS:3025(Pt.32)1988	250	34.03
10	Sulphate as SO ₄	mg/l	IS:3025(Pt.24)1986	150	<1
11	Iron as Fe	mg/l	IS:3025(Pt.53)2003	0.3	0.06
12	Sodium	mg/l	IS:3025(Pt.45)1993	70	22.1

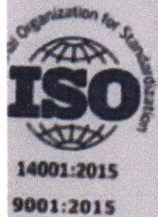
Remarks:

All chemical parameters are within the standard limit of drinking water.



CHEMIST

Raiqy



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Website: www.globallabscochin.com

Email:periyarbiotech2003@gmail.com

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REPORT ON ANALYSIS OF WASTE WATER

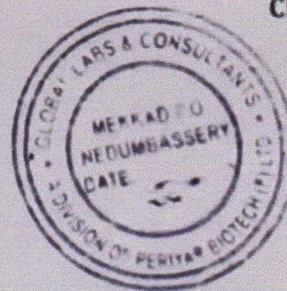
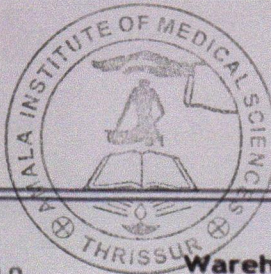
1. Source of Sample: Ultra Filter out	2. Ref.No: GLC/E/50813572
3. Sample Collected by: Global services	4. Date of Collection: 12.08.2025
5. Period of Analysis: 13.08.2025 - 16.08.2025	6. Prepared on: 16.08.2025
7. Client Address: AMALA INSTITUTE OF MEDICAL SCIENCES, THRISSUR.	

Sl. No	PARAMETERS	Unit	Method	KSPCB LIMIT	ACTUAL CONTENTS
1	pH	--	IS:3025(Pt.11)1983	5.5-9.0	7.05
2	Total Dissolved Solids	mg/l	IS:3025(Pt.16)1984	2100	784
3	Total Suspended Solids	mg/l	IS:3025(Pt.17)1984	100	<1
4	BOD 3 days at 27°C	mg/l	IS:3025(Pt.44)1993	30	6.4
5	COD	mg/l	IS:3025(Pt.58)2006	250	35.2
6	Oil and Grease	mg/l	IS:3025(Pt.39)1991	10	<1

Remarks: All parameters are within the limit of KSPCB Standard.

CHEMIST

Raigy



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TEST REPORT

Client Address : AMALA INSTITUTE OF MEDICAL SCIENCES, THRISSUR.
 Source of Sample : WTP Filter Out
 Sample Collected by : Global Services
 Date of Collection : 29.08.2025
 Ref.No : GLC/D/50830218
 Period of Analysis : 30.08.2025 - 02.09.2025
 Prepared on : 02.09.2025

MICROBIOLOGICAL ANALYSIS REPORT					
Sl. No	Characteristics	Unit	Methods	Desirable Limits	Actual Contents
1	Total Plate Count	cfu/ml	IS:5402:1969	100	12
2	Total Coliform	MPN/100ml	IS:5401:1969	NII	NII

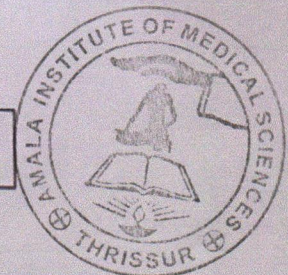
Remarks:

Microbiological parameters are within the standard limit of drinking water.



MICROBIOLOGIST

Raiqu



Note : The Results given in this report were obtained at the time of the test and refer only to the particular sample submitted.

Betsy

DR. BETSY THOMAS

MD, ERCOG, DNB, MICOG

PRINCIPAL

AMALA INSTITUTE OF MEDICAL SCIENCES

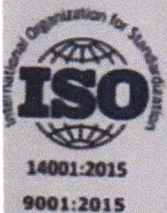
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(An undertaking of Amala Cancer Hospital Society)
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Amala Nagar, Thrissur - 680 555, Ph: 0487-2304000



BIOMEDICAL WASTE MANAGEMENT MONITORING REPORT

Date 17/09/25 Department / Ward RH DU

Audit undertaken by A.S.W.A.T.H. P

SI No.	Criteria	YES	NO	Action Taken
1	A biomedical waste colour code is available	✓		
2	All clinical areas have foot operated waste bins, which are in working order	✓		
3	Puncture proof containers are available for use	✓		
4	Lining cover is present in all waste bins according to the colour of the bins	✓		
5	General waste is placed in green bin	✓		
6	Clinical waste and general waste is correctly segregated		✓	plastic cover in yellow
7	Waste bins and puncture proof containers are less than 3/4 full and securely tied	✓		
8	The biomedical waste policy is known to staff	✓		
9	Staff is aware of procedure to follow following a sharp injury / significant exposure	✓		
10	Appropriate protective equipments are available for staff handling clinical waste bins	✓		
11	Waste filled lining cover is tied and labeled properly before send to waste treatment plant.	✓		

Signature of Ward In-charge: [Signature]

Signature of AICN: A.S.W.A.T.H. P

IC/HC08/HIC13



Signature of In-charge:
(Civil & Environmental Engineer)

Rev: 02AIMS(PD)-UGM